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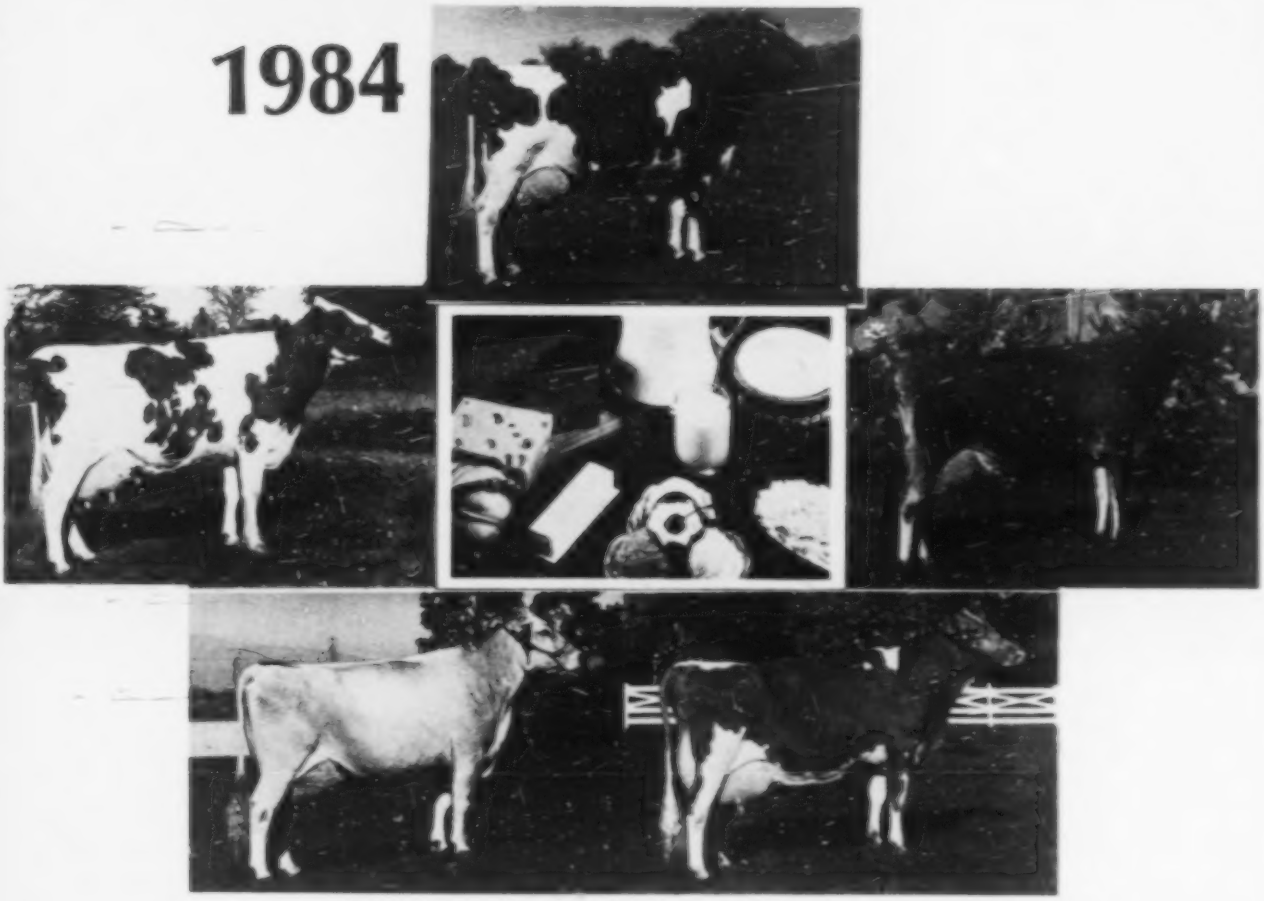
CALIFORNIA DAIRY INDUSTRY STATISTICS · 1984



MANUFACTURED DAIRY PRODUCTS,
MILK PRODUCTION,
UTILIZATION AND PRICES

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FOREWORD

This is the forty-first annual report on Dairy Industry statistics issued by the California Crop and Livestock Reporting Service. It contains, for the year 1984, a summary of statistical data which was originally published monthly in the "Dairy Information Bulletin". Comparative figures for earlier years, and selected special reports relating to the Dairy Industry are also presented. All changes from previously published data represent either corrections of errors or revisions based on receipt of more complete information.

Most of the statistical data contained in this bulletin is based on reports filed by individuals and firms engaged in the production, manufacture, and distribution of milk and dairy products in California. Although it is not possible to list all of these reporters individually, their cooperation is acknowledged with appreciation.

Data pertaining to the United States and to states other than California were secured from various reports of the United States Department of Agriculture. Estimates of the population of California were obtained from reports of the California Department of Finance.

The invaluable assistance of the personnel of the Milk Stabilization Branch, Division of Marketing Services of the California Department of Food and Agriculture, in the compilation, organization, and presentation of data for this report is gratefully appreciated.

MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM MARKETINGS

On January 1, 1985, there were an estimated 974 thousand milk cows and heifers that had calved on farms in California. This was 12 thousand more than were estimated for January 1, 1984. The estimated number of cows milked during the year 1984 was 967 thousand. This compares with an average of 951 thousand head milked during the year 1983.

The average production of milk per cow in California during 1984 was 15,799 pounds. This was 296 pounds more than 1983. Total milk production during 1984 was 15,278 million pounds, 3.6 percent more than was produced during 1983.

Cash receipts from farm marketings of milk and cream in California during 1984 totaled approximately 1,986 million dollars. The comparable figure for 1983 was 1,945 million dollars. The increase in the annual average number of cows milked combined with the increase in average production per cow culminated in a record high production of milk in California during 1984. This production increase more than offset the effect of generally lower producer prices in 1984 resulting in the increase in total cash receipts.

As of January 1, 1985, there was an estimated total of 10,801 thousand milk cows and heifers that had calved on farms throughout the United States. This was 225 thousand head or 2.0 percent less than the number estimated for January 1, 1984. The average number of cows milked during the year 1984 was 10,840 thousand head. This was 258 thousand head less than the average for 1983.

The average production of milk per cow in the United States during 1984 was 12,495 pounds. This was 90

TABLE 1. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, CALIFORNIA, 1966-1984

Year	Milk Cows & Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1966	849	774	11,112	403	8,601	312	424,366
1967	841	765	11,375	413	8,702	316	443,121
1968	833	754	11,869	427	8,949	322	470,528
1969	816	746	11,928	431	8,898	321	477,054
1970	750	755	12,526	450	9,457	340	534,049
1971	758	763	12,726	458	9,710	350	560,925
1972	766	778	13,368	479	10,400	372	608,082
1973	789	792	13,045	470	10,332	372	692,976
1974	810	797	13,295	479	10,596	381	894,347
1975	800	800	13,566	492	10,853	394	997,202
1976	810	811	14,282	514	11,583	417	1,089,142
1977	809	827	14,472	517	11,968	427	1,182,467
1978	846	846	14,018	506	11,859	428	1,227,584
1979	860	871	14,424	512	12,563	446	1,453,330
1980	878	896	15,153	547	13,577	490	1,770,324
1981	910	923	15,437	554	14,248	512	1,943,229
1982	941	940	15,455	561	14,528	527	1,941,197
1983	940	951	15,503	557	14,743	529	1,944,762
1984	962	967	15,799	562	15,278	544	1,986,376
1985	974						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

pounds less than the 1983 figure which established a record high in production per cow. Total milk production during 1984 was 135,444 million pounds, 4,228 million pounds less than the production in 1983.

Cash receipts from marketings of milk and cream in the United States during 1984 totaled approximately 17,927 million dollars. The comparable figure for 1983 was 18,757 million dollars.

California accounted for 11.3 percent of the milk produced in the United States during 1984 and received 11.1 percent of the cash receipts from farm marketings of milk and cream. California ranked second among the states in the average number of milk cows on farms during 1984. It also ranked second in production of milk per cow; second in total milk production; and second in cash receipts from farm marketings of milk and cream. While Washington had more milk production per cow, Wisconsin had more cows, produced more milk, and received more from farm marketings of milk and cream than did California.

Estimates of the number of milk cows and heifers that had calved on farms by county and by crop reporting district in California at the beginning of 1984 and 1985 are given in Table 4. Of the total of 974 thousand head on farms in the State on January 1, 1985, approximately 57 percent were in the San Joaquin Valley, 30 percent in Southern California, and 6 percent in the Central Coast Counties. The five leading counties were San Bernardino, Tulare, Stanislaus, Riverside, and Merced. Together these counties accounted for about 61 percent of all the milk cows in the State.

TABLE 2. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, UNITED STATES, 1966-1984

Year	Milk Cows & Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1966	15,973	14,071	8,522	314	119,912	4,426	5,533,398
1967	15,129	13,415	8,851	327	118,732	4,377	5,742,231
1968	14,456	12,832	9,135	335	117,225	4,305	5,957,282
1969	13,821	12,307	9,434	346	116,108	4,264	6,195,672
1970	13,303	12,000	9,747	357	116,962	4,283	6,525,163
1971	11,909	11,842	10,009	366	118,532	4,344	6,810,804
1972	11,778	11,698	10,250	377	119,904	4,408	7,134,676
1973	11,624	11,409	10,114	370	115,385	4,221	8,080,080
1974	11,286	11,219	10,300	378	115,553	4,238	9,430,140
1975	11,211	11,140	10,352	381	115,326	4,240	9,909,334
1976	11,087	11,055	10,879	399	120,269	4,406	11,428,455
1977	11,031	10,974	11,181	409	122,698	4,483	11,751,730
1978	10,939	10,841	11,218	412	121,609	4,462	12,689,783
1979	10,839	10,743	11,488	421	123,411	4,518	14,650,237
1980	10,769	10,810	11,889	434	128,525	4,696	16,583,532
1981	10,871	10,923	12,177	443	133,013	4,843	18,127,556
1982	11,029	11,011	12,306	450	135,505	4,950	18,233,471
1983	11,075	11,098	12,585	460	139,672	5,105	18,756,930
1984	11,026	10,840	12,495	458	135,444	4,964	17,927,099
1985	10,801						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

TABLE 3. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, BY STATES, 1984

State	Milk cows on farms 1/	Average production per milk cow		Total production on farms		Cash receipts from farm marketings of dairy products 2/
		Milk	Milk Fat	Milk	Milk Fat	
	(thousands)	(pounds)		(million pounds)		(thousand dollars)
Alabama	50	10,720	388	[illegible]	19	78,144
Alaska	1	12,636	445	1[illegible]	1	2,777
Arizona	83	14,723	532	1,222	44	168,166
Arkansas	79	10,228	364	80[illegible]	29	110,476
California	967	15,799	562	15,27[illegible]	544	1,986,376
Colorado	75	12,747	461	956	35	136,501
Connecticut	48	12,708	473	610	23	88,259
Delaware	10	13,150	483	132	5	18,130
Florida	172	11,035	387	1,898	67	304,398
Georgia	120	10,650	388	1,278	46	184,690
Hawaii	12	12,231	410	148	5	29,288
Idaho	165	13,291	482	2,193	80	274,743
Illinois	224	11,737	438	2,629	98	347,085
Indiana	199	11,613	434	2,311	86	305,775
Iowa	345	11,029	407	3,805	140	473,041
Kansas	111	11,036	405	1,225	45	167,765
Kentucky	234	9,000	331	2,106	78	262,640
Louisiana	97	9,258	327	898	32	127,727
Maine	59	12,441	464	734	27	105,335
Maryland	121	12,645	464	1,530	56	212,240
Massachusetts	47	12,234	456	575	21	83,923
Michigan	394	13,579	500	5,350	197	709,538
Minnesota	887	11,647	425	10,331	377	1,290,333
Mississippi	88	9,511	346	837	30	117,847
Missouri	229	12,026	440	2,754	101	353,760
Montana	28	12,321	439	345	12	44,927
Nebraska	107	11,355	424	1,215	45	157,950
Nevada	18	14,101	503	251	9	33,210
New Hampshire	30	12,100	455	363	14	51,609
New Jersey	39	12,154	447	474	17	65,379
New Mexico	64	15,719	560	1,006	36	140,328
New York	931	12,250	448	11,405	417	1,507,994
North Carolina	130	12,685	471	1,649	61	238,800
North Dakota	100	10,360	375	1,036	38	121,770
Ohio	390	11,795	439	4,600	171	611,081
Oklahoma	107	10,561	379	1,130	41	152,668
Oregon	98	13,653	512	1,338	50	179,404
Pennsylvania	729	12,926	476	9,423	347	1,305,705
Rhode Island	4	12,222	446	44	2	6,262
South Carolina	47	11,553	448	543	21	84,880
South Dakota	162	10,438	381	1,691	62	212,893
Tennessee	208	10,346	383	2,152	80	269,691
Texas	320	12,031	428	3,850	137	548,180
Utah	82	12,671	450	1,039	37	132,975
Vermont	183	12,568	469	2,300	86	316,426
Virginia	165	11,921	436	1,967	72	269,660
Washington	212	16,340	598	3,464	127	462,687
West Virginia	34	10,853	400	369	14	49,089
Wisconsin	1,828	12,856	481	23,501	879	3,007,936
Wyoming	12	11,186	402	132	5	16,637
UNITED STATES 3/	10,840	12,495	458	135,444	4,964	17,927,099

1/ Average number during year, heifers that have not freshened excluded.

2/ All milk and cream.

3/ State totals may not add to U.S. totals because of rounding.

TABLE 4. NUMBER OF MILK COWS AND HEIFERS THAT HAVE CALVED ON FARMS IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 AND 1985 1/

County and District	1984	1985
Del Norte	2,000	1,900
Humboldt	14,000	14,100
Mendocino	1,000	1,100
North Coast	17,000	17,100
Shasta	1,200	1,500
Siskiyou	2,800	3,000
Trinity	---	---
North Central	4,000	4,500
Lassen	300	300
Modoc	50	50
Plumas	---	---
North East	350	350
Alameda	---	---
Contra Costa	2,900	2,000
Lake	---	---
Marin	14,000	12,500
Monterey	3,500	2,600
Napa	1,400	1,200
San Benito	1,300	900
San Francisco	---	---
San Luis Obispo	2,000	2,000
San Mateo	---	---
Santa Clara	5,100	4,500
Santa Cruz	300	300
Sonoma	38,500	36,000
Central Coast	69,000	62,000
Butte	1,500	1,500
Colusa	600	600
Glenn	12,600	12,600
Sacramento	21,200	23,500
Solano	1,600	1,700
Sutter	1,100	1,100
Tehama	3,400	3,300
Yolo	500	500
Yuba	1,200	1,200
Sacramento Valley	43,700	46,000

County and District	1984	1985
Fresno	51,000	51,000
Kern	18,000	18,000
Kings	59,000	65,500
Madera	18,000	19,500
Merced	98,000	100,000
San Joaquin	66,000	66,000
Stanislaus	102,000	105,000
Tulare	126,000	128,000
San Joaquin Valley	538,000	553,000
Alpine	---	---
Amador	50	100
Calaveras	50	50
El Dorado	100	100
Inyo	50	50
Mariposa	50	50
Mono	---	---
Nevada	50	50
Placer	550	600
Sierra	---	---
Tuolumne	50	50
Sierra Mountain	950	1,050
Imperial	500	500
Los Angeles	4,300	3,200
Orange	---	---
Riverside	98,000	102,000
San Bernardino	166,000	162,500
San Diego	15,000	14,300
Santa Barbara	4,400	4,900
Ventura	2,800	2,600
Southern California	289,000	290,000
STATE TOTAL	962,000	974,000

1/ Dairy cattle population estimated as of January 1 for each year.

COMMERCIAL PRODUCTION

Approximately 15,235 million pounds of milk were produced commercially in California during 1984. Of this amount, 14,654 million pounds were received as market grade milk and 581 million pounds were received as manufacturing grade milk. Between 1983 and 1984, the total commercial production increased 3.7 percent. Production of market grade milk increased 3.9 percent while the production of manufacturing grade milk declined 1.4 percent. Market grade milk accounted for 96.2 percent of all commercial production in 1984, compared to 96.0 percent in 1983 and 93.1 percent ten years earlier (1974).

The average milk fat content of all milk received at plants from producers in California during 1984 was 3.57 percent. That received as market milk contained an average of 3.57 percent milk fat while that received as manufacturing grade milk contained an average of 3.66 percent milk fat.

The commercial production of all milk fat in California during 1984 amounted to approximately 544 million pounds, 3.1 percent more than was produced during 1983. Market milk fat amounted to 96.1 percent of production in 1984 compared to 95.9 percent in 1983. Between 1983 and 1984, the production of market milk fat rose 3.3 percent, while that of manufacturing milk fat decreased 1.4 percent.

The San Joaquin Valley accounted for 57.0 percent of all milk produced commercially in the State during 1984. It accounted for 56.6 percent of the market milk and 69.4 percent of the manufacturing milk. Approximately 30.5 percent of all milk and 31.7 percent of the market milk was produced in Southern California. The five leading counties in market milk production in the order of their importance during 1984 were: San Bernardino, Tulare, Riverside, Stanislaus, and Merced. These five counties accounted for 62.7 percent of the State's total production of market milk. The five leading counties in manufacturing milk production were: Merced, Stanislaus, Humboldt, Glenn, and San Joaquin. These counties accounted for 84.2 percent of the State's total manufacturing milk production. The five leading counties in total milk production were: San Bernardino, Tulare, Merced, Stanislaus, and Riverside. They accounted for 62.6 percent of the State's total production during 1984.

TABLE 5. AVERAGE MILK-FAT TEST AND COMMERCIAL PRODUCTION OF MILK FAT AND WHOLE MILK IN CALIFORNIA, BY YEARS, 1967-1984

	Milk Fat			Average Milk-Fat Test			Whole Milk		
	Market	Manufacturing	1/ Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(percent)			(thousand pounds)		
1967	277,547	33,115	310,662	3.61	3.78	3.63	7,685,955	876,187	8,562,142
1968	287,023	30,715	317,738	3.59	3.77	3.60	8,002,052	815,387	8,817,439
1969	287,435	30,081	317,516	3.61	3.76	3.62	7,970,766	799,438	8,770,204
1970	303,336	32,395	335,731	3.58	3.74	3.59	8,481,432	865,027	9,346,459
1971	309,103	36,549	345,652	3.59	3.73	3.60	8,614,289	979,836	9,594,125
1972	327,371	41,940	369,311	3.57	3.69	3.59	9,163,369	1,136,171	10,299,540
1973	335,933	32,646	368,579	3.59	3.71	3.60	9,354,250	879,237	10,233,487
1974	351,133	26,748	377,881	3.59	3.69	3.60	9,776,188	724,765	10,500,953
1975	364,795	25,960	390,755	3.63	3.73	3.63	10,060,384	695,507	10,755,891
1976	390,950	22,562	413,512	3.59	3.75	3.60	10,886,279	602,087	11,488,366
1977	405,943	18,958	424,901	3.57	3.71	3.57	11,377,410	510,659	11,888,069
1978	408,311	16,816	425,127	3.60	3.76	3.61	11,329,087	447,648	11,776,735
1979	426,183	16,881	443,064	3.54	3.67	3.55	12,029,199	459,453	12,488,652
1980	468,324	19,050	487,374	3.60	3.68	3.60	12,998,001	517,997	13,515,998
1981	490,629	19,147	509,776	3.59	3.68	3.59	13,666,750	519,852	14,186,602
1982	504,415	20,954	525,369	3.63	3.70	3.63	13,901,010	566,472	14,467,482
1983	506,076	21,556	527,632	3.59	3.66	3.59	14,104,674	588,819	14,693,493
1984	522,989	21,244	544,233	3.57	3.66	3.57	14,654,257	580,604	15,234,861
1981									
January	40,742	1,289	42,031	3.73	3.82	3.73	1,092,700	33,747	1,126,447
February	37,170	1,265	38,435	3.70	3.75	3.70	1,003,935	33,701	1,037,636
March	41,807	1,618	43,425	3.67	3.73	3.67	1,139,926	43,358	1,183,284
April	40,509	1,702	42,211	3.57	3.67	3.58	1,133,361	46,336	1,179,697
May	41,158	1,766	42,924	3.47	3.56	3.47	1,187,496	49,600	1,237,096
June	39,331	1,694	41,025	3.43	3.50	3.43	1,148,086	48,359	1,196,445
July	41,233	1,729	42,962	3.42	3.51	3.42	1,206,767	49,196	1,255,963
August	41,527	1,728	43,255	3.48	3.58	3.48	1,192,975	48,235	1,241,210
September	40,474	1,584	42,058	3.53	3.66	3.54	1,146,299	43,242	1,189,541
October	42,756	1,602	44,358	3.65	3.79	3.65	1,171,405	42,254	1,213,659
November	41,121	1,624	42,745	3.71	3.85	3.71	1,108,614	42,186	1,150,800
December	42,801	1,546	44,347	3.77	3.90	3.77	1,135,186	39,638	1,174,824
1982									
January	43,339	1,471	44,810	3.84	3.90	3.84	1,129,277	37,705	1,166,982
February	39,323	1,404	40,727	3.76	3.80	3.76	1,045,930	36,987	1,082,917
March	43,916	1,642	45,558	3.71	3.74	3.71	1,184,112	43,884	1,227,996
April	42,067	1,746	43,813	3.68	3.73	3.68	1,142,316	46,853	1,189,169
May	41,383	1,853	43,236	3.51	3.57	3.51	1,180,426	51,898	1,232,324
June	40,986	1,778	42,764	3.47	3.55	3.47	1,182,088	50,110	1,232,198
July	42,306	1,974	44,280	3.47	3.52	3.47	1,220,688	56,099	1,276,787
August	42,312	1,965	44,277	3.48	3.56	3.48	1,216,282	55,166	1,271,448
September	41,167	1,838	43,005	3.54	3.64	3.54	1,164,261	50,460	1,214,721
October	42,789	1,822	44,611	3.62	3.74	3.63	1,180,355	48,693	1,229,048
November	41,682	1,712	43,394	3.73	3.87	3.73	1,118,279	44,219	1,162,498
December	43,146	1,749	44,895	3.80	3.94	3.80	1,136,998	44,397	1,181,395
1983									
January	43,120	1,610	44,730	3.78	3.90	3.78	1,141,702	41,319	1,183,021
February	38,946	1,453	40,399	3.76	3.83	3.77	1,034,652	37,916	1,072,568
March	42,681	1,978	44,659	3.71	3.80	3.71	1,151,288	52,118	1,203,406
April	41,486	1,971	43,457	3.58	3.63	3.59	1,156,920	54,272	1,211,192
May	43,073	2,008	45,081	3.50	3.55	3.51	1,228,913	56,541	1,285,454
June	41,203	1,963	43,166	3.40	3.48	3.40	1,212,874	56,340	1,269,214
July	43,261	1,931	45,192	3.42	3.46	3.42	1,264,684	55,722	1,320,406
August	42,646	1,929	44,575	3.45	3.50	3.45	1,235,490	55,031	1,290,521
September	41,024	1,804	42,828	3.48	3.56	3.48	1,179,005	50,628	1,229,633
October	43,184	1,708	44,892	3.58	3.67	3.58	1,206,435	46,590	1,253,025
November	42,122	1,623	43,745	3.68	3.85	3.69	1,142,882	42,161	1,185,043
December	43,330	1,578	44,908	3.77	3.93	3.77	1,149,829	40,181	1,190,010
1984									
January	43,060	1,501	44,561	3.74	3.83	3.74	1,151,004	39,164	1,190,168
February	40,366	1,403	41,769	3.65	3.73	3.65	1,106,473	37,616	1,144,089
March	43,447	1,681	45,128	3.55	3.60	3.55	1,224,603	46,648	1,271,250
April	43,196	1,802	44,998	3.50	3.56	3.50	1,235,265	50,604	1,285,869
May	44,356	1,910	46,466	3.41	3.52	3.42	1,305,201	54,288	1,359,488
June	42,936	1,900	44,836	3.41	3.49	3.41	1,259,797	54,426	1,314,224
July	42,841	2,066	44,907	3.40	3.50	3.40	1,259,678	58,974	1,318,652
August	43,829	2,047	45,876	3.44	3.55	3.44	1,275,946	57,702	1,333,648
September	41,608	1,876	43,484	3.49	3.63	3.49	1,192,835	51,747	1,244,582
October	45,506	1,786	47,292	3.65	3.80	3.66	1,246,619	47,011	1,293,630
November	44,875	1,667	46,542	3.78	3.95	3.79	1,186,685	42,215	1,228,900
December	46,770	1,605	48,374	3.86	3.99	3.87	1,210,151	40,209	1,250,360

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 7, 8, 9, 10, 11, and 12.

TABLE 6. COMMERCIAL PRODUCTION OF MILK AND MILK FAT AND AVERAGE MILK FAT TEST IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	Milk 1/			Milk Fat			Average Milk Fat Test 2/		
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(thousand pounds)			(percent)		
Del Norte	16,430	8,420	24,850	650	372	1,022	3.95	4.42	4.11
Humboldt	138,658	64,171	202,830	5,339	2,780	8,120	3.85	4.33	4.00
Mendocino	10,101	---	10,101	420	---	420	4.16	---	4.16
North Coast	165,190	72,591	237,781	6,409	3,152	9,561	3.88	4.34	4.02
Shasta	14,726	---	14,726	522	---	522	3.54	---	3.54
Siskiyou	32,972	---	32,972	1,248	---	1,248	3.78	---	3.78
Trinity	---	---	---	---	---	---	---	---	---
North Central	47,698	---	47,698	1,770	---	1,770	3.71	---	3.71
Lassen	2,128	---	2,128	78	---	78	3.69	---	3.69
Modoc	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---
North East	2,128	---	2,128	78	---	78	3.69	---	3.69
Alameda	---	1,427	1,427	---	50	50	---	3.51	3.51
Contra Costa	53,529	---	53,529	1,933	---	1,933	3.61	---	3.61
Lake	---	---	---	---	---	---	---	---	---
Marin	214,708	894	215,601	7,568	31	7,599	3.52	3.51	3.52
Monterey	65,496	---	65,496	2,393	---	2,393	3.65	---	3.65
Napa	10,820	---	10,820	384	---	384	3.55	---	3.55
San Benito	19,058	297	19,355	687	10	697	3.61	3.33	3.60
San Francisco	---	---	---	---	---	---	---	---	---
San Luis Obispo	37,054	710	37,764	1,302	26	1,328	3.51	3.65	3.52
San Mateo	---	---	---	---	---	---	---	---	---
Santa Clara	65,860	17,539	83,399	2,280	611	2,891	3.46	3.49	3.47
Santa Cruz	7,124	---	7,124	251	---	251	3.52	---	3.52
Sonoma	472,823	7,166	479,989	17,093	275	17,368	3.62	3.84	3.62
Central Coast	946,473	28,033	974,506	33,891	1,004	34,895	3.58	3.58	3.58
Butte	23,305	3,055	26,360	874	108	982	3.75	3.54	3.73
Colusa	6,002	250	6,252	216	9	225	3.60	3.63	3.60
Glenn	135,484	43,911	179,395	4,885	1,563	6,448	3.61	3.56	3.59
Sacramento	289,072	9,505	298,577	10,637	341	10,978	3.68	3.59	3.68
Solano	26,319	74	26,393	954	2	956	3.62	3.39	3.62
Sutter	13,216	1,767	14,983	481	67	548	3.64	3.78	3.66
Tehama	24,819	8,143	32,962	912	300	1,211	3.67	3.68	3.68
Yolo	9,758	---	9,758	347	---	347	3.56	---	3.56
Yuba	25,385	806	26,192	1,007	30	1,038	3.97	3.77	3.96
Sacramento Valley	553,361	67,510	620,871	20,313	2,420	22,734	3.67	3.58	3.66
Fresno	884,936	6,909	891,845	31,820	237	32,057	3.60	3.43	3.59
Kern	287,995	37	288,032	10,228	1	10,229	3.55	3.51	3.55
Kings	952,301	1,150	953,452	34,194	40	34,234	3.59	3.49	3.59
Madera	242,909	7,281	250,190	8,678	256	8,934	3.57	3.52	3.57
Merced	1,469,129	175,002	1,644,130	53,494	6,362	59,856	3.64	3.64	3.64
San Joaquin	981,788	35,364	1,017,152	35,297	1,260	36,557	3.60	3.56	3.59
Stanislaus	1,482,121	170,282	1,652,403	53,654	5,934	59,588	3.62	3.48	3.61
Tulare	1,986,100	6,323	1,992,923	71,365	242	71,607	3.59	3.55	3.59
San Joaquin Valley	8,287,279	402,348	8,690,127	298,730	14,333	313,064	3.60	3.56	3.60
Alpine	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---
El Dorado	1,047	---	1,047	38	---	38	3.67	---	3.67
Inyo	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---
Placer	10,514	202	10,716	376	7	383	3.57	3.48	3.57
Sierra	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---
Sierra Mountain	11,561	202	11,763	414	7	421	3.58	3.48	3.58
Imperial	7,546	---	7,546	284	---	284	3.77	---	3.77
Los Angeles	41,244	---	41,244	1,474	---	1,474	3.58	---	3.58
Orange	---	---	---	---	---	---	---	---	---
Riverside	1,573,511	3,001	1,576,512	55,119	105	55,224	3.50	3.49	3.50
San Bernardino	2,676,127	1,823	2,677,950	92,517	62	92,579	3.46	3.41	3.46
San Diego	230,844	341	231,185	8,056	12	8,068	3.49	3.55	3.49
Santa Barbara	62,952	---	62,952	2,252	---	2,252	3.58	---	3.58
Ventura	48,341	4,255	52,596	1,680	148	1,828	3.48	3.48	3.48
So. California	4,640,566	9,420	4,649,985	161,382	327	161,710	3.48	3.47	3.48
STATE	14,654,257	580,604	15,234,861	522,989	21,244	544,233	3.57	3.66	3.57

1/ Totals have been determined from unrounded date. The original data may be found in Tables 7, 8, 9, 10, 11, and 12.

2/ Milk fat tests were computed from unrounded data.

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1934

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,708,011	1,289,266	1,749,355	2,008,542	2,783,426	2,468,693	2,491,625	2,233,281	1,917,601	2,218,398	1,804,082	2,177,691
Humboldt	10,205,323	10,071,812	15,563,454	19,741,218	22,698,903	21,914,021	21,785,801	20,319,142	17,746,788	16,320,948	14,137,958	12,324,609
Mendocino	799,093	750,430	894,085	887,394	924,095	853,630	855,640	877,761	905,620	854,184	760,211	739,273
North Coast	12,712,427	12,111,508	18,206,894	22,637,154	26,406,424	25,236,344	25,133,066	23,430,184	20,570,009	19,393,530	16,702,251	15,241,573
Shasta	1,302,336	1,195,050	1,291,549	1,231,527	1,308,067	1,173,391	1,184,473	1,257,684	1,141,073	1,227,551	1,188,095	1,225,058
Siskiyou	2,783,641	2,544,455	2,866,907	2,824,650	3,005,079	2,944,529	2,996,061	2,816,839	2,615,981	2,688,048	2,410,593	2,475,466
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	4,085,977	3,739,505	4,158,456	4,056,177	4,313,146	4,117,920	4,180,534	4,074,523	3,757,054	3,915,599	3,598,688	3,700,524
Lassen	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Alameda	153,846	139,733	155,110	140,445	156,498	148,050	---	179,209	---	165,064	94,904	93,753
Contra Costa	4,068,271	4,169,937	4,621,325	4,530,329	4,628,682	4,534,677	4,544,479	4,625,366	4,418,288	4,491,570	4,358,475	4,538,001
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	17,846,506	16,406,392	17,994,420	18,145,771	19,003,612	18,026,532	18,491,207	18,642,690	17,692,088	18,184,233	17,417,415	17,750,605
Monterey	5,133,485	5,045,049	5,605,337	5,772,092	6,064,928	5,835,724	6,174,756	5,215,721	5,018,960	5,326,454	4,924,436	5,379,590
Napa	934,528	869,061	954,442	920,352	965,980	929,422	987,889	1,011,932	909,006	872,730	754,419	710,682
San Benito	1,433,478	1,413,318	1,597,825	1,592,473	1,650,251	1,598,724	1,664,624	1,706,983	1,649,250	1,666,851	1,814,545	1,567,072
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,892,055	2,720,475	3,131,917	3,160,771	3,275,024	3,193,111	3,302,487	3,513,616	3,270,934	3,240,415	3,145,522	2,918,266
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,528,217	4,898,024	6,157,223	6,151,638	7,035,077	8,588,734	8,926,589	9,437,839	8,543,933	6,104,083	5,863,171	6,164,371
Santa Cruz	625,237	636,512	679,842	662,310	689,718	656,443	672,618	656,331	462,166	450,171	437,635	494,978
Sonoma	38,627,203	36,589,420	40,638,096	40,067,950	41,830,880	40,583,453	42,029,978	41,633,977	39,402,236	40,272,158	38,649,785	39,664,039
Central Coast	77,242,826	72,887,921	81,535,537	81,144,131	85,300,650	84,094,870	86,794,627	86,623,664	81,366,861	80,773,729	77,460,307	79,281,357
Butte	2,034,319	1,735,755	1,984,736	2,180,817	2,420,465	2,367,056	2,378,390	2,453,698	2,229,609	2,303,761	2,159,617	2,111,933
Colusa	387,050	534,988	597,092	557,617	559,897	535,324	525,568	546,525	502,412	508,678	493,260	503,679
Glenn	13,711,173	13,113,200	14,774,607	15,256,553	16,426,876	15,806,569	16,035,506	15,844,398	15,515,626	15,143,003	13,685,208	14,082,008
Sacramento	23,365,893	21,973,755	24,601,211	24,819,168	26,953,408	26,092,479	26,925,100	27,048,075	24,981,956	24,854,913	23,390,330	23,570,889
Solano	2,176,013	2,217,368	2,374,222	2,372,701	2,440,907	2,171,576	2,301,332	2,216,745	2,115,267	2,119,961	1,912,518	1,974,318
Sutter	1,036,747	1,058,906	1,199,566	1,317,649	1,363,115	1,311,266	1,406,664	1,323,897	1,209,823	1,280,907	1,205,225	1,269,280
Tehama	2,928,918	2,668,067	2,945,481	2,973,221	2,904,535	2,972,010	2,927,618	2,805,740	2,429,929	2,458,168	2,405,246	2,542,754
Yolo	849,574	789,385	866,858	860,471	875,871	796,093	760,465	765,345	744,275	818,834	799,395	831,392
Yuba	2,002,516	1,921,163	2,181,198	2,315,592	2,431,117	2,204,519	2,194,211	2,259,781	2,100,761	2,121,030	2,158,534	2,301,255
Sacramento Valley	48,492,203	46,012,587	51,524,971	52,653,789	56,376,191	54,256,892	55,454,854	55,264,204	51,829,658	51,609,255	48,209,333	49,187,508

CONTINUED

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
	(pounds)											
Fresno	66,411,893	64,863,392	72,982,756	73,664,076	79,298,409	76,740,389	75,519,908	79,055,863	75,781,114	77,657,624	74,142,599	75,727,055
Kern	22,033,439	21,760,004	23,990,202	23,921,526	25,122,473	24,170,139	22,948,129	23,947,788	23,662,658	25,800,108	24,787,015	25,888,702
Kings	70,773,130	69,501,323	78,847,373	79,742,062	84,507,507	81,760,107	80,610,018	84,628,138	80,783,432	83,731,573	79,133,167	79,433,679
Madera	20,928,958	19,895,501	20,068,126	19,919,088	21,528,382	21,104,999	21,575,450	22,123,227	20,348,679	21,608,704	20,295,438	20,793,404
Merced	124,575,535	119,852,229	134,293,307	135,938,538	145,839,229	144,363,537	146,894,852	147,437,809	135,478,899	139,387,078	133,882,037	136,187,340
San Joaquin	79,134,964	74,666,292	82,218,935	83,221,563	88,792,323	88,223,224	91,698,337	91,991,213	85,113,789	86,837,955	82,273,464	83,070,056
Stanislaus	129,957,655	123,765,626	136,054,503	138,347,240	146,521,416	143,232,596	146,478,841	147,677,417	136,742,479	139,450,929	130,105,855	134,068,235
Tulare	154,783,024	149,590,864	165,787,178	168,743,960	178,952,755	172,111,992	168,929,717	173,684,448	164,541,023	169,374,041	161,250,541	165,173,706
San Joaquin Valley	668,598,598	643,895,231	714,242,380	723,498,053	770,562,494	751,706,983	754,655,252	770,455,903	722,452,073	743,848,012	705,870,116	720,342,177
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	81,547	85,986	88,075	91,102	90,576	86,149	86,291	89,554	83,110	83,154	88,649	93,205
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	988,197	904,830	1,007,578	877,092	900,984	847,736	988,263	981,417	878,717	875,801	716,412	748,557
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,069,744	990,816	1,095,653	968,194	991,560	933,885	1,074,554	1,070,971	961,827	958,955	805,061	841,762
Imperial	587,123	727,478	863,833	821,149	842,004	789,000	610,903	517,274	392,591	476,590	469,763	448,386
Los Angeles	3,776,897	3,696,011	3,955,208	6,438,019	6,658,743	2,096,858	2,523,075	2,403,336	2,090,253	2,601,065	2,460,456	2,544,166
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	127,084,802	121,984,001	134,498,809	133,748,887	139,948,371	134,091,403	133,154,724	134,010,618	124,601,057	133,513,608	128,876,657	130,998,826
San Bernardino	217,638,802	209,850,697	231,030,771	229,981,502	236,790,876	227,565,166	225,895,976	226,965,015	209,121,920	227,108,770	216,352,700	219,648,203
San Diego	19,446,222	18,633,750	20,170,026	19,743,461	20,294,872	19,327,923	19,065,501	18,922,565	17,957,077	19,749,178	18,884,304	18,990,055
Santa Barbara	5,166,246	4,902,993	5,421,524	5,413,698	5,869,008	5,532,462	5,574,744	5,444,385	4,925,022	4,954,128	4,834,540	4,913,010
Ventura	4,099,895	4,508,233	4,367,117	4,604,128	4,954,411	4,279,089	4,337,637	4,303,541	4,352,418	4,530,501	4,208,590	4,050,593
Southern California	377,799,987	364,303,163	400,307,288	400,750,844	415,358,285	393,681,901	391,162,560	392,566,734	363,440,338	392,933,840	376,087,010	381,593,239
STATE TOTALS	1,190,168,348	1,144,089,474	1,271,250,478	1,285,868,672	1,359,488,300	1,314,223,574	1,318,652,050	1,333,647,949	1,244,582,536	1,293,630,162	1,228,899,543	1,250,359,987

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,404,044	995,953	1,120,922	1,147,946	1,749,466	1,449,977	1,492,301	1,316,344	1,145,190	1,547,238	1,286,499	1,774,561
Humboldt	8,337,770	8,100,441	10,833,478	12,932,745	14,756,425	14,185,460	14,186,055	13,372,192	11,809,158	11,098,755	9,859,582	9,186,419
Mendocino	799,093	750,430	894,085	887,394	924,095	853,630	855,640	877,761	905,620	854,184	760,211	739,273
North Coast	10,540,907	9,846,824	12,848,485	14,968,085	17,429,986	16,489,067	16,533,996	15,566,297	13,859,968	13,500,177	11,906,292	11,700,253
Shasta	1,302,336	1,195,050	1,291,549	1,231,527	1,308,067	1,173,391	1,184,473	1,257,684	1,141,073	1,227,551	1,188,095	1,225,058
Siskiyou	2,783,641	2,544,455	2,866,907	2,824,650	3,005,079	2,944,529	2,996,061	2,816,839	2,615,981	2,688,048	2,410,593	2,475,466
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	4,085,977	3,739,505	4,158,456	4,056,177	4,313,146	4,117,920	4,180,534	4,074,523	3,757,054	3,915,599	3,598,688	3,700,524
Lassen	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Alameda	---	---	---	---	---	---	---	---	---	---	---	---
Contra Costa	4,068,271	4,169,937	4,621,325	4,530,329	4,628,682	4,534,677	4,544,479	4,625,366	4,418,288	4,491,570	4,358,475	4,538,001
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	17,633,462	16,223,772	17,781,813	18,108,457	18,964,355	17,991,317	18,459,796	18,617,574	17,670,652	18,153,929	17,402,070	17,700,389
Monterey	5,133,485	5,045,049	5,605,337	5,772,092	6,064,928	5,835,724	6,174,756	5,215,721	5,018,960	5,326,454	4,924,436	5,379,590
Napa	934,528	869,061	954,442	920,352	965,980	929,422	987,889	1,011,932	909,006	872,730	754,419	710,682
San Benito	1,425,405	1,405,055	1,597,825	1,592,473	1,650,251	1,598,724	1,664,624	1,706,983	1,649,250	1,666,851	1,533,840	1,567,072
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,892,055	2,720,475	3,131,917	3,160,771	3,275,024	3,193,111	3,302,487	3,364,781	3,093,577	3,061,423	2,940,265	2,918,266
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,073,217	4,502,358	5,025,563	5,669,189	5,876,535	5,809,268	5,936,831	5,717,013	5,406,584	5,732,195	5,532,977	5,578,274
Santa Cruz	625,237	636,512	679,842	662,310	689,718	656,443	672,618	656,331	462,166	450,171	437,635	494,978
Sonoma	37,827,395	36,064,085	40,138,763	39,526,027	41,272,037	40,053,252	41,439,090	41,070,494	38,833,960	39,715,810	38,097,123	38,784,728
Central Coast	75,613,055	71,636,304	79,536,827	79,942,000	83,387,510	80,601,938	83,182,570	81,986,195	77,462,443	79,471,133	75,981,240	77,671,980
Butte	1,841,302	1,555,477	1,739,270	1,901,836	2,121,061	2,075,551	2,083,250	2,153,671	1,954,206	2,045,941	1,929,312	1,904,153
Colusa	371,348	520,322	577,122	534,921	535,540	511,177	501,556	522,117	480,007	487,704	473,944	486,253
Glenn	10,854,655	10,313,260	11,477,176	11,803,497	12,779,474	12,257,799	12,170,976	11,973,273	10,993,335	10,736,946	9,822,931	10,300,617
Sacramento	22,628,967	21,202,849	23,370,706	23,998,721	26,089,674	25,135,502	26,252,695	25,884,947	24,242,216	24,335,117	22,875,603	23,055,152
Solano	2,171,887	2,217,368	2,366,840	2,372,701	2,440,907	2,157,277	2,301,332	2,168,940	2,115,267	2,119,961	1,912,518	1,974,318
Sutter	930,290	959,475	1,064,181	1,163,778	1,192,312	1,117,926	1,243,881	1,158,419	1,057,926	1,138,708	1,055,321	1,134,037
Tehama	2,528,211	2,269,472	2,283,570	2,257,279	2,117,676	2,015,886	2,041,949	2,015,333	1,761,505	1,799,339	1,724,472	2,004,151
Yolo	849,574	789,385	866,858	860,471	875,871	796,093	760,465	765,345	744,275	818,834	799,395	831,392
Yuba	1,942,481	1,865,090	2,092,490	2,228,818	2,322,580	2,204,519	2,185,794	2,158,452	2,015,100	2,040,838	2,089,947	2,239,376
Sacramento Valley	44,118,715	41,692,698	45,838,213	47,122,022	50,475,095	48,271,730	49,541,898	48,800,497	45,363,837	45,523,388	42,683,443	43,929,449

CONTINUED

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	65,938,137	64,456,195	72,481,681	73,350,096	78,899,243	76,369,556	74,287,626	78,132,135	75,026,492	77,048,891	73,718,420	75,227,362
Kern	22,033,439	21,760,004	23,978,072	23,896,707	25,122,473	24,170,139	22,948,129	23,947,788	23,662,658	25,800,108	24,787,015	25,888,702
Kings	70,757,166	69,243,460	78,805,558	79,644,863	84,407,025	31,676,094	80,425,712	84,554,146	80,572,155	83,672,766	79,121,977	79,420,296
Madera	20,528,056	19,578,088	19,696,610	19,509,595	21,102,167	20,683,713	19,208,990	21,617,342	19,780,994	20,809,183	19,947,414	20,447,006
Merced	111,409,104	107,172,886	119,552,854	120,476,279	130,000,699	128,091,339	130,511,738	131,321,315	121,402,927	125,167,560	120,845,537	123,176,464
San Joaquin	76,732,091	72,370,866	79,434,050	80,334,154	85,570,700	85,099,584	87,968,033	87,975,595	82,143,141	83,943,876	79,642,896	80,573,106
Stanislaus	116,677,669	111,110,372	122,120,551	122,893,631	131,104,760	128,380,211	131,223,383	131,853,478	122,503,313	125,662,174	116,887,860	121,703,305
Tulare	154,317,378	149,201,275	165,128,059	168,111,836	177,999,598	171,690,300	167,961,708	173,115,993	164,023,341	168,740,447	160,990,582	164,819,771
San Joaquin Valley	638,393,040	614,893,146	681,197,435	688,217,161	734,206,665	716,160,936	714,535,319	732,517,792	689,115,021	710,845,005	675,941,701	691,256,012
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	81,547	85,986	88,075	91,102	90,576	86,149	86,291	89,554	83,110	83,154	88,649	93,205
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	988,197	904,830	850,949	877,092	879,549	824,200	988,263	981,417	878,717	875,801	716,412	748,557
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,069,744	990,816	939,024	968,194	970,125	910,349	1,074,554	1,070,971	961,827	958,955	805,061	841,762
Imperial	587,123	727,478	863,833	821,149	842,004	789,000	610,903	517,274	[illegible],591	476,590	469,763	448,386
Los Angeles	3,776,897	3,696,011	3,955,208	6,438,019	6,658,743	2,096,858	2,523,075	2,403,336	2,090,253	2,601,065	2,460,456	2,544,166
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	126,671,054	121,765,998	134,297,544	133,543,581	139,589,692	133,866,113	132,852,894	133,815,024	124,159,483	133,378,339	128,725,467	130,845,859
San Bernardino	217,518,188	209,806,666	230,971,385	229,848,454	236,570,221	227,445,846	225,739,333	226,646,447	208,794,297	226,963,954	216,318,829	219,503,528
San Diego	19,446,222	18,633,750	20,065,228	19,684,410	20,294,872	19,327,923	19,065,501	18,922,565	17,938,006	19,749,178	18,884,304	18,832,028
Santa Barbara	5,166,246	4,902,993	5,421,524	5,413,698	5,869,008	5,532,462	5,574,744	5,444,385	4,925,022	4,954,128	4,834,540	4,913,010
Ventura	3,850,067	3,992,233	4,330,346	4,081,500	4,414,040	3,992,346	4,065,866	4,019,370	3,810,561	4,084,301	3,908,190	3,792,565
Southern California	377,015,797	363,525,129	399,905,068	399,830,811	414,238,580	393,050,548	390,432,316	391,768,401	362,110,213	392,207,555	375,601,549	380,879,542
STATE TOTALS	1,106,473,165	1,224,602,807	1,235,264,780	1,305,200,657	1,259,797,267	1,259,677,790	1,275,946,442	1,192,835,079	1,246,619,054	1,186,684,751	1,151,003,821	1,210,151,369

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	303,967	293,313	628,433	860,596	1,033,960	1,018,716	999,324	916,937	772,411	671,160	517,583	403,130
Humboldt	1,867,553	1,971,371	4,729,976	6,808,473	7,942,478	7,728,561	7,599,746	6,946,950	5,937,630	5,222,193	4,278,376	3,138,190
Mendocino	---	---	---	---	---	---	---	---	---	---	---	---
North Coast	2,171,520	2,264,684	5,358,409	7,669,069	8,976,438	8,747,277	8,599,070	7,863,887	6,710,041	5,893,353	4,795,959	3,541,320
Shasta	---	---	---	---	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	---	---	---	---
Alameda	153,846	139,733	155,110	140,445	156,498	148,050	---	179,209	---	165,064	94,904	93,753
Contra Costa	---	---	---	---	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	213,044	182,620	212,607	37,314	39,257	35,215	31,411	25,116	21,436	30,304	15,345	50,216
Monterey	---	---	---	---	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	8,073	8,263	---	---	---	---	---	---	---	---	280,705	---
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	148,835	177,357	178,992	205,257	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	455,000	395,666	1,131,660	482,449	1,158,542	2,779,466	2,989,758	3,720,826	3,137,349	371,888	330,194	586,097
Santa Cruz	---	---	---	---	---	---	---	---	---	---	---	---
Sonoma	799,808	525,335	499,333	541,923	558,843	530,201	590,888	563,483	568,276	556,348	552,662	879,311
Central Coast	1,629,771	1,251,617	1,998,710	1,202,131	1,913,140	3,492,932	3,612,057	4,637,469	3,904,418	1,302,596	1,479,067	1,609,377
Butte	193,017	180,278	245,466	278,981	299,404	291,505	295,140	300,027	275,403	257,820	230,305	207,780
Colusa	15,702	14,666	19,970	22,696	24,357	24,147	24,012	24,408	22,405	20,974	19,316	17,426
Glenn	2,856,518	2,799,940	3,297,431	3,453,056	3,647,402	3,548,770	3,864,530	3,871,125	4,522,291	4,406,057	3,862,277	3,781,391
Sacramento	736,926	770,906	1,230,505	820,447	863,734	956,977	672,405	1,163,128	739,740	519,796	514,727	515,737
Solano	4,126	---	7,382	---	---	14,299	---	47,805	---	---	---	---
Sutter	106,457	99,431	135,385	153,871	170,803	193,340	162,783	165,478	151,897	142,199	149,904	135,243
Tehama	400,707	398,595	661,911	715,942	786,859	956,124	885,669	790,407	668,424	658,829	680,774	538,603
Yolo	---	---	---	---	---	---	---	---	---	---	---	---
Yuba	60,035	56,073	88,708	86,774	108,537	---	8,417	101,329	85,661	80,192	68,587	61,879
Sacramento Valley	4,373,488	4,319,889	5,686,758	5,531,767	5,901,096	5,985,162	5,912,956	6,463,707	6,465,821	6,085,867	5,525,890	5,258,059

CONTINUED

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	473,756	407,197	501,075	313,980	399,166	370,833	1,232,282	923,728	754,622	608,733	424,179	499,693
Kern	---	---	12,130	24,819	---	---	---	---	---	---	---	---
Kings	15,964	257,863	41,815	97,199	100,482	84,013	184,306	73,992	211,277	58,807	11,190	13,383
Madera	400,902	317,413	371,516	409,493	426,215	421,286	2,366,460	505,885	567,685	799,521	348,024	346,398
Merced	13,166,431	12,679,343	14,740,453	15,462,259	15,838,530	16,272,198	16,383,114	16,116,494	14,075,972	14,219,518	13,036,500	13,010,876
San Joaquin	2,402,873	2,295,426	2,784,885	2,887,409	3,221,623	3,123,640	3,730,304	3,925,618	2,970,648	2,894,079	2,630,568	2,496,950
Stanislaus	13,279,986	12,655,254	13,933,952	15,453,609	15,416,656	14,852,385	15,255,458	15,823,939	14,239,166	13,788,755	13,217,995	12,364,930
Tulare	455,646	389,589	659,119	632,121	953,157	421,692	968,009	568,455	517,682	633,594	259,959	353,935
San Joaquin Valley	30,205,558	29,002,085	33,044,945	35,280,892	36,355,829	35,546,047	40,119,933	37,938,111	33,337,052	33,003,007	29,928,415	29,086,165
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	---	---	156,629	---	21,435	23,536	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	---	---	156,629	---	21,435	23,536	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	413,748	218,003	201,265	205,306	358,679	225,290	301,830	195,594	441,574	135,269	151,190	152,967
San Bernardino	120,614	44,031	59,386	133,048	220,655	119,320	156,643	318,568	327,623	144,816	33,871	144,675
San Diego	---	---	104,798	59,051	---	---	---	---	19,071	---	---	158,027
Santa Barbara	---	---	---	---	---	---	---	---	---	---	---	---
Ventura	249,828	516,000	36,771	522,628	540,371	286,743	271,771	284,171	541,857	446,200	300,400	258,028
Southern California	784,190	778,034	402,220	920,033	1,119,705	631,353	730,244	798,333	1,330,125	726,285	485,461	713,697
STATE TOTALS	39,164,527	37,616,309	46,647,671	50,603,892	54,287,643	54,426,307	58,974,260	57,701,507	51,747,457	47,011,108	42,214,792	40,208,618

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	70,781	53,419	71,225	80,630	110,675	99,018	100,663	91,561	81,307	94,115	77,629	91,006
Humboldt	423,657	401,098	606,323	753,975	863,014	843,106	845,282	805,306	727,150	695,543	616,707	538,426
Mendocino	34,502	30,714	36,301	35,761	36,886	34,483	34,525	36,310	38,186	36,136	33,505	32,479
North Coast	528,940	485,231	713,849	870,366	1,010,575	976,607	980,470	933,177	846,643	825,794	727,841	661,911
Shasta	48,000	43,224	43,912	40,643	44,526	40,473	40,558	43,513	40,170	43,976	45,842	47,254
Siskiyou	110,873	98,368	109,389	106,591	108,729	104,265	104,420	100,280	97,778	106,475	98,462	102,357
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	158,873	141,592	153,301	147,234	153,255	144,738	144,978	143,793	137,948	150,451	144,304	149,611
Lassen	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Alameda	5,719	5,107	5,359	4,821	5,150	4,984	---	5,922	---	5,948	3,559	3,584
Contra Costa	154,038	153,651	164,500	163,218	163,130	159,604	158,282	164,142	157,375	160,652	162,610	172,001
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	649,842	581,512	617,054	606,286	630,261	613,863	630,614	653,452	634,790	664,622	650,246	662,300
Monterey	197,933	188,288	203,535	204,514	216,880	208,909	215,426	185,372	180,906	197,924	186,348	207,020
Napa	35,112	31,720	34,122	31,946	32,875	31,227	33,150	34,895	31,656	30,816	29,293	27,520
San Benito	55,564	52,683	58,512	56,397	56,794	55,252	56,217	58,728	58,244	60,133	68,127	60,668
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	106,123	96,441	109,396	107,733	109,452	106,352	111,623	119,507	112,529	116,210	118,504	113,955
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	201,660	176,093	218,289	212,798	245,217	290,323	299,050	317,851	293,933	206,917	208,506	220,615
Santa Cruz	23,275	22,493	24,079	23,405	23,521	22,167	22,544	22,797	16,619	16,241	16,177	17,528
Sonoma	1,442,608	1,334,441	1,442,244	1,397,197	1,441,198	1,411,504	1,471,367	1,487,306	1,438,562	1,501,681	1,480,696	1,518,997
Central Coast	2,871,874	2,642,429	2,877,090	2,808,315	2,924,428	2,904,185	3,002,753	3,049,972	2,924,614	2,961,144	2,924,066	3,004,188
Butte	79,623	66,082	73,375	79,007	85,028	81,976	82,799	87,880	82,706	89,511	87,150	87,141
Colusa	14,603	19,898	21,185	19,105	18,897	18,243	17,915	19,122	17,811	19,108	19,493	19,634
Glenn	527,045	487,643	533,175	536,507	562,228	536,404	538,820	541,922	549,149	560,900	528,453	545,897
Sacramento	908,168	834,412	903,486	893,310	939,185	906,969	928,541	953,118	901,495	942,058	925,622	941,384
Solano	84,596	83,627	85,804	83,952	85,298	74,273	79,120	78,286	75,603	77,359	72,838	75,531
Sutter	40,201	40,066	44,184	46,637	46,821	44,702	47,846	46,652	43,940	48,684	47,657	50,257
Tehama	113,427	99,725	106,554	107,150	102,223	101,209	100,374	97,846	87,905	93,388	97,594	103,866
Yolo	31,299	28,607	30,860	29,903	29,949	27,924	26,373	26,874	26,357	29,220	29,442	30,686
Yuba	83,870	77,486	86,788	89,987	91,710	82,303	81,467	87,133	82,456	86,783	90,616	97,069
Sacramento Valley	1,882,832	1,737,546	1,885,411	1,885,558	1,961,339	1,874,003	1,903,255	1,938,833	1,867,422	1,947,011	1,898,865	1,951,465

CONTINUED

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,514,747	2,401,840	2,622,879	2,588,677	2,706,826	2,624,875	2,597,562	2,746,026	2,653,122	2,867,040	2,803,381	2,930,212
Kern	814,037	790,827	852,233	835,126	853,997	814,420	772,162	813,515	808,718	937,809	939,826	996,201
Kings	2,688,796	2,569,895	2,813,629	2,803,901	2,906,306	2,796,409	2,769,366	2,928,544	2,831,446	3,067,054	2,983,137	3,076,025
Madera	790,024	735,341	713,518	688,823	725,953	710,133	722,030	758,534	710,953	798,145	773,701	807,177
Merced	4,762,280	4,503,267	4,871,244	4,834,221	5,055,902	4,977,399	5,045,675	5,169,468	4,853,812	5,214,958	5,191,332	5,376,096
San Joaquin	2,966,726	2,755,354	2,961,494	2,959,217	3,068,839	3,012,931	3,106,082	3,172,310	2,999,285	3,194,516	3,144,758	3,215,747
Stanislaus	4,939,154	4,626,030	4,917,765	4,889,271	5,051,844	4,917,543	4,980,527	5,091,962	4,840,743	5,159,415	4,979,952	5,194,324
Tulare	5,866,519	5,532,495	5,952,985	5,929,830	6,117,775	5,846,028	5,787,387	5,979,520	5,737,138	6,262,685	6,142,235	6,452,711
San Joaquin Valley	25,342,283	23,915,049	25,705,747	25,529,066	26,487,442	25,699,738	25,780,791	26,659,879	25,435,217	27,501,622	26,958,322	28,048,493
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	3,046	3,165	3,187	3,313	3,201	3,077	3,086	3,125	3,047	3,153	3,499	3,580
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	36,600	32,280	35,552	30,421	30,673	29,073	33,993	34,033	31,354	32,733	27,476	28,576
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	39,646	35,445	38,739	33,734	33,874	32,150	37,079	37,158	34,401	35,886	30,975	32,156
Imperial	23,104	27,336	31,823	30,537	30,668	28,104	21,587	19,153	15,137	19,133	19,512	18,461
Los Angeles	141,994	137,262	142,243	223,439	216,369	73,583	88,523	86,502	75,339	95,732	94,273	99,101
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,642,209	4,327,444	4,616,105	4,617,376	4,727,263	4,522,629	4,466,890	4,513,051	4,191,418	4,759,374	4,798,860	5,041,617
San Bernardino	7,874,021	7,324,905	7,919,002	7,822,458	7,857,900	7,586,075	7,499,918	7,528,564	7,021,685	7,954,886	7,906,783	8,282,758
San Diego	704,601	649,406	693,707	673,979	688,809	653,467	635,453	630,917	608,938	696,934	698,697	732,846
Santa Barbara	193,422	180,739	194,669	190,429	198,748	189,107	190,599	187,794	171,792	181,248	182,813	190,168
Ventura	150,745	158,922	150,148	159,886	168,455	144,562	147,356	141,421	145,850	155,349	150,549	155,008
Southern California	13,730,096	12,806,014	13,747,697	13,718,104	13,888,212	13,197,527	13,050,326	13,107,402	12,230,159	13,862,656	13,851,487	14,519,959
STATE TOTALS	44,560,951	41,768,977	45,128,467	44,998,209	46,465,556	44,835,865	44,906,650	45,876,025	43,483,826	47,291,848	46,542,245	48,374,441

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	56,605	40,529	44,821	45,205	67,848	55,400	57,183	51,041	45,747	62,090	52,066	71,036
Humboldt	336,599	316,165	411,854	477,910	538,362	521,238	525,290	505,968	460,278	449,756	409,972	386,103
Mendocino	34,502	30,714	36,301	35,761	36,886	34,483	34,525	36,310	38,186	36,136	33,505	32,479
North Coast	427,706	387,408	492,976	558,876	643,096	611,121	616,998	593,319	544,211	547,982	495,543	489,618
Shasta	48,000	43,224	43,912	40,643	44,526	40,473	40,558	43,513	40,170	43,976	45,842	47,254
Siskiyou	110,873	98,368	109,389	106,591	108,729	104,265	104,420	100,280	97,778	106,475	98,462	102,357
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	158,873	141,592	153,301	147,234	153,255	144,738	144,978	143,793	137,948	150,451	144,304	149,611
Lassen	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Alameda	---	---	---	---	---	---	---	---	---	---	---	---
Contra Costa	154,038	153,651	164,500	163,218	163,130	159,604	158,282	164,142	157,375	160,652	162,610	172,001
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	642,160	575,124	609,725	605,009	628,941	612,755	634,021	652,560	634,022	663,389	649,722	660,518
Monterey	197,933	188,288	203,535	204,514	216,880	208,909	215,426	185,372	180,906	197,924	186,348	207,020
Napa	35,112	31,720	34,122	31,946	32,875	31,227	33,150	34,895	31,656	30,816	29,293	27,520
San Benito	55,246	52,375	58,512	56,397	56,794	55,252	56,217	58,728	58,244	60,133	58,864	60,668
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	106,123	96,441	109,396	107,733	109,452	106,352	111,623	114,470	106,293	109,581	110,465	113,955
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	185,735	162,245	176,859	198,392	199,666	196,298	193,386	189,486	184,168	195,206	196,963	201,471
Santa Cruz	23,275	22,493	24,079	23,405	23,521	22,167	22,544	22,797	16,619	16,241	16,177	17,528
Sonoma	1,411,648	1,314,349	1,423,774	1,377,831	1,421,094	1,392,184	1,449,787	1,466,355	1,416,811	1,479,667	1,457,969	1,481,226
Central Coast	2,811,270	2,596,686	2,804,502	2,768,445	2,852,353	2,784,748	2,874,436	2,888,805	2,786,094	2,913,609	2,868,411	2,941,907
Butte	72,321	59,510	64,799	69,568	75,110	72,093	72,901	77,599	72,977	79,972	78,130	79,034
Colusa	13,995	19,350	20,471	18,319	18,071	17,365	17,091	18,266	17,000	18,313	18,735	18,953
Glenn	416,291	383,738	416,019	417,473	439,406	415,807	409,424	409,903	390,222	400,240	384,496	402,372
Sacramento	879,969	805,425	862,620	864,104	909,275	874,441	905,684	912,287	875,143	922,273	905,192	920,382
Solano	84,449	83,627	85,533	83,952	85,298	73,784	79,120	76,700	75,603	77,359	72,838	75,531
Sutter	35,857	36,157	39,083	41,022	40,742	37,894	41,958	40,536	38,153	43,010	41,611	44,823
Tehama	97,612	84,907	82,230	81,635	74,457	70,063	69,551	69,952	63,175	67,527	69,056	81,384
Yolo	31,299	28,607	30,860	29,903	29,949	27,924	26,373	26,874	26,357	29,220	29,442	30,686
Yuba	81,452	75,310	83,507	86,862	87,904	82,303	81,205	83,436	79,235	83,625	87,863	94,595
Sacramento Valley	1,713,245	1,576,631	1,685,122	1,692,838	1,760,212	1,671,674	1,703,307	1,715,553	1,637,865	1,721,539	1,687,363	1,747,760

CONTINUED

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,497,500	2,387,428	2,605,890	2,578,374	2,694,248	2,613,268	2,556,765	2,715,571	2,627,723	2,844,777	2,787,351	2,911,107
Kern	814,037	790,827	851,789	834,272	853,997	814,420	772,162	813,515	808,718	937,809	939,826	996,201
Kings	2,688,190	2,561,082	2,812,226	2,800,461	2,902,929	2,793,470	2,763,152	2,925,954	2,823,833	3,064,851	2,982,735	3,075,516
Madera	774,640	723,400	700,195	674,487	711,535	695,928	643,019	741,057	691,164	769,099	760,345	793,442
Merced	4,260,535	4,028,704	4,345,490	4,288,161	4,509,129	4,425,495	4,483,817	4,604,416	4,350,242	4,677,303	4,672,878	4,847,832
San Joaquin	2,874,712	2,670,344	2,862,817	2,858,198	2,959,022	2,907,932	2,980,399	3,039,082	2,895,600	3,088,779	3,042,888	3,116,895
Stanislaus	4,442,605	4,164,446	4,429,935	4,361,361	4,541,832	4,426,986	4,478,174	4,563,391	4,357,886	4,670,118	4,489,390	4,728,470
Tulare	5,848,812	5,518,243	5,929,348	5,907,637	6,084,239	5,831,982	5,754,169	5,959,973	5,719,331	6,239,635	6,132,360	6,439,135
San Joaquin Valley	24,201,031	22,844,474	24,537,690	24,302,951	25,256,931	24,509,481	24,431,657	25,362,959	24,274,497	26,292,371	25,807,773	26,908,598
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	3,046	3,165	3,187	3,313	3,201	3,077	3,086	3,125	3,047	3,153	3,499	3,580
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	36,600	32,280	29,964	30,421	29,992	28,329	33,993	34,033	31,354	32,733	27,476	28,576
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	39,646	35,445	33,151	33,734	33,193	31,406	37,079	37,158	34,401	35,886	30,975	32,156
Imperial	23,104	27,336	31,823	30,537	30,668	28,104	21,587	19,153	15,137	19,133	19,512	18,461
Los Angeles	141,994	137,262	142,243	223,439	216,369	73,583	88,523	86,502	75,339	95,732	94,273	99,101
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,626,626	4,319,022	4,609,072	4,610,131	4,715,383	4,515,004	4,456,962	4,506,807	4,176,805	4,754,656	4,793,328	5,035,636
San Bernardino	7,869,680	7,323,252	7,917,113	7,818,040	7,850,792	7,582,234	7,494,590	7,517,963	7,011,006	7,949,520	7,905,493	8,277,131
San Diego	704,601	649,406	690,308	672,015	688,809	653,467	635,453	630,917	608,311	696,934	698,697	726,719
Santa Barbara	193,422	180,739	194,669	190,429	198,748	189,107	190,599	187,794	171,792	181,248	182,813	190,168
Ventura	142,001	140,862	148,860	141,594	149,542	134,526	137,844	132,167	126,885	139,732	140,035	145,977
Southern California	13,701,428	12,777,879	13,734,088	13,686,185	13,850,311	13,176,025	13,025,558	13,081,303	12,185,275	13,836,955	13,834,151	14,493,193
STATE TOTALS	43,059,606	40,365,786	43,447,463	43,196,095	44,555,782	42,936,110	42,841,011	43,828,701	41,607,713	45,506,077	44,874,905	46,769,501

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	14,176	12,890	26,404	35,425	42,827	43,618	43,480	40,520	35,560	32,025	25,563	19,970
Humboldt	87,058	84,933	194,469	276,065	324,652	321,868	319,992	299,338	266,872	245,787	206,735	152,323
Mendocino	---	---	---	---	---	---	---	---	---	---	---	---
North Coast	101,234	97,823	220,873	311,490	367,479	365,486	363,472	339,858	302,432	277,812	232,298	172,293
Shasta	---	---	---	---	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	---	---	---	---
Alameda	5,719	5,107	5,359	4,821	5,100	4,984	---	5,922	---	5,948	3,559	3,584
Contra Costa	---	---	---	---	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	7,682	6,388	7,329	1,277	1,320	1,108	1,073	892	768	1,233	524	1,782
Monterey	---	---	---	---	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	318	308	---	---	---	---	---	---	---	---	9,263	---
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	5,037	6,236	6,629	8,039	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	15,925	13,848	41,430	14,406	45,551	94,025	105,664	128,365	109,765	11,711	11,543	19,144
Santa Cruz	---	---	---	---	---	---	---	---	---	---	---	---
Sonoma	30,960	20,092	18,470	19,366	20,104	19,320	21,580	20,951	21,751	22,014	22,727	37,771
Central Coast	60,604	45,743	72,588	39,870	72,075	119,437	128,317	161,167	138,520	47,535	55,655	62,281
Butte	7,302	6,572	8,576	9,439	9,918	9,883	9,898	10,281	9,729	9,539	9,020	8,107
Colusa	608	548	714	786	826	878	824	856	811	795	758	681
Glenn	110,754	103,905	117,156	119,034	122,822	120,597	129,396	132,019	158,927	160,660	143,957	143,525
Sacramento	28,199	28,987	40,866	29,206	29,910	32,528	22,857	40,831	26,352	19,785	20,430	21,002
Solano	147	---	271	---	---	489	---	1,586	---	---	---	---
Sutter	4,344	3,909	5,101	5,615	6,079	6,808	5,888	6,116	5,787	5,674	6,046	5,434
Tehama	15,815	14,818	24,324	25,515	27,766	31,146	30,823	27,894	24,730	25,861	28,538	22,482
Yolo	---	---	---	---	---	---	---	---	---	---	---	---
Yuba	2,418	2,176	3,281	3,125	3,806	---	262	3,697	3,221	3,158	2,753	2,474
Sacramento Valley	169,587	160,915	200,289	192,720	201,127	202,329	199,948	223,280	229,557	225,472	211,502	203,705

CONTINUED

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	17,247	14,412	16,989	10,303	12,578	11,607	40,797	30,455	25,399	22,263	16,030	19,105
Kern	---	---	444	854	---	---	---	---	---	---	---	---
Kings	606	8,813	1,403	3,440	3,377	2,939	6,214	2,590	7,613	2,203	402	509
Madera	15,384	11,941	13,323	14,336	14,418	14,205	79,011	17,477	19,789	29,046	13,356	13,735
Merced	501,745	474,563	525,754	546,060	546,773	551,904	561,858	565,052	503,570	537,655	518,454	528,264
San Joaquin	92,014	85,010	98,677	101,019	109,817	104,999	125,683	133,228	103,685	105,737	101,870	98,852
Stanislaus	496,549	461,584	487,830	527,910	510,012	490,557	502,353	528,571	482,857	489,297	490,562	465,854
Tulare	17,707	14,252	23,637	22,193	33,536	14,046	33,218	19,547	17,807	23,050	9,875	13,576
San Joaquin Valley	1,141,252	1,070,575	1,168,057	1,226,115	1,230,511	1,190,257	1,349,134	1,296,920	1,160,720	1,209,251	1,150,549	1,139,895
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	---	---	5,588	---	681	744	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	---	---	5,588	---	681	744	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	15,583	8,422	7,033	7,245	11,880	7,625	9,928	6,244	14,613	4,718	5,532	5,981
San Bernardino	4,341	1,653	1,889	4,418	7,108	3,841	5,328	10,601	10,679	5,366	1,290	5,627
San Diego	---	---	3,399	1,964	---	---	---	---	627	---	---	6,127
Santa Barbara	---	---	---	---	---	---	---	---	---	---	---	---
Ventura	8,744	18,060	1,288	18,292	18,913	10,036	9,512	9,254	18,965	15,617	10,514	9,031
Southern California	28,668	28,135	13,609	31,919	37,901	21,502	24,768	26,099	44,884	25,701	17,336	26,766
STATE TOTALS	1,501,345	1,403,191	1,681,004	1,802,114	1,909,774	1,899,755	2,065,639	2,047,324	1,876,113	1,785,771	1,667,340	1,604,940

AVERAGE PRICES PAID PRODUCERS

The California Crop and Livestock Reporting Service estimates the prices received by producers for many crops, livestock, and livestock products. The livestock products include whole milk sold in wholesale quantities. Table 13 contains the estimated monthly prices received by producers in California for the period 1974 through 1984. Data for earlier years are available in other publications and have been published in previous annual California Dairy Industry Statistics.

The average prices paid monthly to producers in California for market milk and for manufacturing milk from 1974 through 1984 are presented in Tables 14 and 15. Prices paid for market milk in Table 14 reflect the changing proportions of the product paid for in accordance with class use, as well as varying price levels for products with the same usage. Prices paid for manufacturing milk in Table 15 reflect primarily changes in price levels. Each price series is affected to some extent by variation in the average milk fat content of milk purchased from producers. Prices are presented for the average test of the milk actually purchased each month from producers.

TABLE 13. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR ALL WHOLE MILK, BY MONTHS, 1974-1984

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1974	7.87	7.61	7.72	8.59	8.27	7.96	7.97	8.07	8.35	8.55	8.70	8.73	8.20
1975	8.91	8.88	8.74	8.64	8.45	8.33	8.40	8.57	8.90	9.27	9.49	9.78	8.85
1975 1/	9.08	9.06	8.92	8.81	8.63	8.51	8.57	8.75	9.08	9.45	9.66	9.93	9.03
1976	9.60	9.25	9.23	9.13	8.98	9.02	9.18	9.34	9.31	9.28	9.41	9.60	9.27
1977	9.69	9.49	9.45	9.49	9.62	9.65	9.60	9.69	9.86	10.10	10.20	10.30	9.76
1978	10.40	10.20	10.10	10.10	10.00	9.80	9.70	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.76	12.71	12.54	12.54	12.53	12.55	12.49	12.68	12.89	13.42	13.66	13.81	12.88
1981	13.73	13.63	13.58	13.51	13.26	13.17	13.14	13.10	13.24	13.58	13.60	13.71	13.44
1982	13.84	13.66	13.57	13.37	12.93	12.82	12.81	12.76	12.93	13.08	13.36	13.48	13.22
1983	13.48	13.42	13.33	13.09	12.87	12.66	12.65	12.70	12.82	13.14	13.37	13.30	13.07
1984	13.18	13.04	12.82	12.66	12.49	12.43	12.57	12.48	12.72	13.14	13.45	13.34	12.86

1/ Prices are f.o.b. ranch for the year 1974 and f.o.b. plant thereafter.

TABLE 14. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MARKET MILK, BY MONTHS, 1974-1984

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1974	7.95	7.68	7.80	8.71	8.41	8.08	8.10	8.21	8.48	8.69	8.82	8.85	8.32
1975	9.01	8.99	8.85	8.76	8.58	8.45	8.50	8.68	8.99	9.34	9.56	9.86	8.95
1975 1/	9.18	9.16	9.02	8.93	8.75	8.62	8.67	8.85	9.17	9.51	9.73	10.00	9.12
1976	9.65	9.32	9.30	9.21	9.05	9.08	9.24	9.40	9.36	9.34	9.47	9.68	9.34
1977	9.75	9.55	9.50	9.53	9.66	9.70	9.65	9.74	9.90	10.10	10.20	10.30	9.80
1978	10.40	10.30	10.10	10.10	10.00	9.85	9.75	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.80	12.76	12.59	12.58	12.56	12.59	12.53	12.72	12.93	13.46	13.70	13.84	12.92
1981	13.76	13.66	13.61	13.55	13.30	13.22	13.19	13.14	13.27	13.60	13.63	13.74	13.47
1982	13.87	13.69	13.60	13.41	12.97	12.86	12.85	12.79	12.96	13.11	13.39	13.50	13.25
1983	13.50	13.45	13.36	13.12	12.90	12.69	12.68	12.73	12.85	13.17	13.40	13.34	13.10
1984	13.21	13.07	12.85	12.70	12.52	12.46	12.61	12.51	12.75	13.17	13.47	13.37	12.89

1/ Prices are f.o.b. ranch for the year 1974 and f.o.b. plant thereafter.

TABLE 15. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MANUFACTURING MILK, BY MONTHS, 1974-1984

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1974	6.59	6.56	6.67	6.98	6.68	6.52	6.51	6.48	6.58	6.72	6.86	6.78	6.65
1975	7.37	7.19	7.11	7.03	6.89	6.88	7.06	7.16	7.73	8.25	8.35	8.43	7.40
1975 1/	7.45	7.49	7.37	7.22	7.08	7.05	7.27	7.35	7.92	8.45	8.53	8.62	7.60
1976	8.48	8.00	7.87	7.94	7.87	8.03	8.20	8.45	8.43	8.23	8.29	8.15	8.16
1977	8.21	8.13	8.13	8.68	8.81	8.79	8.67	8.65	8.82	8.93	9.09	9.14	8.68
1978	9.09	9.03	8.94	9.25	9.15	9.17	9.08	9.26	9.49	9.70	10.00	10.20	9.34
1979	10.00	9.85	9.80	10.10	10.30	10.30	10.30	10.40	10.70	11.10	11.60	11.60	10.50
1980	11.56	11.44	11.34	11.69	11.75	11.61	11.62	11.72	12.01	12.36	12.68	12.77	11.88
1981	12.71	12.64	12.84	12.49	12.21	12.10	12.06	12.22	12.38	12.89	12.87	12.86	12.52
1982	12.92	12.80	12.77	12.46	12.12	12.02	11.99	12.06	12.23	12.41	12.65	12.85	12.44
1983	12.82	12.58	12.67	12.42	12.25	12.04	12.02	12.05	12.19	12.26	12.55	12.37	12.35
1984	12.31	12.05	11.99	11.77	11.79	11.66	11.73	11.82	12.02	12.46	12.79	12.55	12.08

1/ Prices are f.o.b. ranch for the year 1974 and f.o.b. plant thereafter.

UTILIZATION OF COMMERCIAL PRODUCTION

During 1984, approximately 30.3 percent of the total milk fat produced commercially in California was used in fluid market milk. Fluid market milk, for the purposes of Table 16, currently includes fluid whole milk, fluid lowfat milk, fluid skim milk, and yogurt. Fluid half-and-half used 1.9 percent of the milk fat; butter, 29.6 percent; cheese (including cottage cheese), 15.7 percent; condensed and evaporated milk products, 3.8 percent; frozen dairy products, 11.7 percent; and all other manufactured products, 8.0 percent. Approximately 32.2 percent of the total milk fat was used in fluid market milk and cream. The remaining 67.8 percent was used in manufactured products.

Approximately 43.0 percent of the market grade milk produced in 1984 was used in Class 1 market milk products and 6.6 percent was used in manufactured products where market grade milk use was mandatory. The remaining 50.4 percent was used in making all other kinds of manufactured products.

TABLE 16. ESTIMATED UTILIZATION OF CALIFORNIA'S COMMERCIAL MILK FAT PRODUCTION IN SELECTED DAIRY PRODUCTS, BY YEARS, 1964-1984

Year	Fluid market milk 1/	Fluid market cream 2/	Butter	Cheese, including cottage cheese	Condensed milk products 3/	Frozen dairy products	Other manufactured products 4/
				(percent)			
1964	55.6	7.8	9.1	3.7	6.6	12.9	4.3
1965	55.8	7.6	9.2	3.8	5.9	13.5	4.2
1966	56.5	7.4	7.0	3.6	6.6	13.7	5.2
1967	55.2	7.1	12.1	2.9	4.6	13.5	4.6
1968	53.2	6.6	14.2	2.8	5.1	13.6	4.5
1969	52.3	6.0	15.5	2.6	5.0	13.7	4.9
1970	49.0	5.5	20.7	3.1	3.9	13.3	4.5
1971	47.1	5.1	22.1	3.4	4.0	13.0	5.3
1972	45.5	4.6	24.7	3.5	3.2	12.5	6.0
1973	45.6	4.7	24.2	4.4	3.0	12.4	5.7
1974	43.6	2.2	26.9	5.2	2.7	13.0	6.4
1975	42.2	2.2	28.1	5.9	2.7	13.2	5.7
1976	40.9	2.1	28.8	6.8	2.6	12.7	6.1
1977	40.0	2.1	29.9	7.5	2.2	12.2	6.1
1978	40.2	2.0	26.5	8.3	2.1	12.6	8.3
1979	38.8	2.0	26.9	9.2	2.1	12.1	8.9
1980	34.5	1.8	30.8	10.1	1.7	11.2	9.9
1981	32.5	1.7	30.6	11.6	1.9	11.1	10.6
1982	30.7	1.7	31.2	13.6	3.0	10.8	9.0
1983	30.8	1.7	29.3	15.7	3.9	11.4	7.2
1984	30.3	1.9	28.6	15.7	3.8	11.7	8.0

1/ Includes fluid whole milk, fluid lowfat milk, concentrated fluid milk, and fluid skim milk through 1973. Yogurt is also included for the period 1974-1984.

2/ Includes fluid cream and half-and-half through 1973; half-and-half only for subsequent years.

3/ Includes evaporated milk and other condensed milk products.

4/ Includes sour and all other fluid cream for the period 1974-1984.

TABLE 17. COMMERCIAL PRODUCTION AND USAGE OF MILK IN CALIFORNIA, BY YEARS, 1967-1984 1/

	Commercial Production			Class 1 Usage	Availability for Manufacture			Relative to Production	
	Market	Manu-facturing	Total		Market	Manu-facturing	Total	Market	Total
	(thousand pounds)							(percent)	
1967	7,685,955	876,187	8,562,142	5,453,205	2,232,750	876,187	3,108,937	29.0	36.3
1968	8,002,052	815,387	8,817,439	5,441,752	2,560,300	815,387	3,375,687	32.0	38.3
1969	7,970,766	799,438	8,770,204	5,405,325	2,565,441	799,438	3,364,879	32.2	38.4
1970	8,481,432	865,027	9,346,459	5,399,404	3,082,028	865,027	3,947,055	36.3	42.2
1971	8,614,289	979,836	9,594,125	5,406,666	3,207,623	979,836	4,187,459	37.2	43.6
1972	9,163,369	1,136,171	10,299,540	5,647,138	3,516,231	1,136,171	4,652,402	38.4	45.2
1973	9,354,250	879,237	10,233,487	5,719,894	3,634,356	879,237	4,513,593	39.9	44.1
1974	9,776,188	724,765	10,500,953	5,740,347	4,035,841	724,765	4,760,606	41.3	45.3
1975	10,060,384	695,507	10,755,891	5,837,522	4,222,862	695,507	4,918,369	42.0	45.7
1976	10,886,279	602,087	11,488,366	6,032,561	4,853,718	602,087	5,455,805	44.6	47.5
1977	11,377,410	510,659	11,888,069	6,143,455	5,233,955	510,659	5,744,614	46.0	48.3
1978	11,329,087	447,648	11,776,735	6,211,747	5,117,340	447,648	5,564,988	45.2	47.3
1979	12,029,199	459,453	12,488,652	6,292,820	5,736,379	459,453	6,195,832	47.7	49.6
1980	12,998,001	517,997	13,515,998	6,238,927	6,759,074	517,997	7,277,071	52.0	53.8
1981	13,666,750	519,853	14,186,603	6,188,714	7,478,036	519,853	7,997,889	54.7	56.4
1982	13,901,010	566,472	14,467,482	6,082,539	7,818,471	566,472	8,384,943	56.2	58.0
1983	14,104,674	588,819	14,693,493	6,177,320	7,927,354	588,819	8,516,173	56.2	58.0
1984	14,654,257	580,604	15,234,861	6,307,805	8,346,452	580,604	8,927,056	57.0	58.6

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1983 and 1984 may be found in Table 22.

TABLE 18. COMMERCIAL PRODUCTION AND USAGE OF MARKET MILK FAT AND MARKET SKIM MILK IN CALIFORNIA, BY YEARS, 1967-1984 1/

	Market Milk Fat				Market Skim Milk			
	Commercial Production	Usage		Other usage relative to production	Commercial Production	Usage		Other usage relative to production
		Class 1	Other			Class 1	Other	
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1967	277,547	193,402	84,145	30.3	7,408,408	5,259,803	2,148,605	29.0
1968	287,023	190,057	96,966	33.8	7,715,029	5,251,695	2,463,334	31.9
1969	287,435	185,253	102,182	35.6	7,683,331	5,220,072	2,463,259	32.1
1970	303,336	182,919	120,417	39.7	8,178,096	5,216,485	2,961,611	36.2
1971	309,103	180,183	128,920	41.7	8,305,186	5,226,483	3,078,703	37.1
1972	327,371	185,058	142,313	43.5	8,835,998	5,462,080	3,373,918	38.6
1973	335,933	185,344	150,589	44.8	9,018,317	5,534,550	3,483,767	38.6
1974	351,133	173,348	177,785	50.6	9,425,055	5,566,999	3,858,056	40.9
1975	364,795	173,102	191,693	52.5	9,695,589	5,664,420	4,031,169	41.6
1976	390,950	178,026	212,924	54.5	10,495,329	5,854,535	4,640,794	44.2
1977	405,943	178,958	226,985	55.9	10,971,467	5,964,497	5,006,970	45.6
1978	408,311	179,515	228,796	56.0	10,920,776	6,032,232	4,888,544	44.8
1979	426,183	180,650	245,533	57.6	11,603,015	6,112,170	5,490,845	47.3
1980	468,324	176,741	291,583	62.3	12,529,677	6,062,086	6,467,591	51.6
1981	490,629	174,337	316,292	64.5	13,176,121	6,014,377	7,161,744	54.4
1982	504,415	170,381	334,034	66.2	13,396,595	5,912,158	7,484,437	55.9
1983	506,076	171,767	334,308	66.0	13,598,598	6,005,553	7,593,045	55.8
1984	522,989	174,159	348,830	66.7	14,131,268	6,133,646	7,997,622	56.6

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1983 and 1984 may be found in Tables 23 and 24.

TABLE 19. COMMERCIAL PRODUCTION OF MILK FAT AND SKIM MILK IN CALIFORNIA AVAILABLE FOR MANUFACTURE, BY YEARS, 1967-1984 1/

QUANTITIES AVAILABLE FOR MANUFACTURE

	Milk Fat				Skim Milk			
	Manufacturing	Market	Total	Relative to Production 2/	Manufacturing	Market	Total	Relative to Production 3/
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1967	33,115	84,145	117,260	37.7	843,072	2,148,605	2,991,677	36.3
1968	30,715	96,966	127,681	40.2	784,672	2,463,334	3,248,006	38.2
1969	30,081	102,182	132,263	41.7	769,357	2,463,259	3,232,616	38.2
1970	32,395	120,417	152,812	45.5	832,632	2,961,611	3,794,243	42.1
1971	36,549	128,920	165,469	47.9	943,287	3,078,703	4,021,990	43.5
1972	41,940	142,313	184,253	49.9	1,094,231	3,373,918	4,468,149	45.0
1973	32,646	150,589	183,235	49.7	846,591	3,483,767	4,330,358	43.9
1974	26,748	177,785	204,533	54.1	698,017	3,858,056	4,556,073	45.0
1975	25,960	191,693	217,653	55.7	669,547	4,031,169	4,700,716	45.4
1976	22,562	212,924	235,486	56.9	579,525	4,640,794	5,220,319	47.1
1977	18,958	226,985	245,943	57.9	491,701	5,006,970	5,498,671	48.0
1978	16,816	228,796	245,612	57.8	430,832	4,888,544	5,319,376	48.7
1979	16,881	245,533	262,414	59.2	442,572	5,490,845	5,933,417	49.2
1980	19,050	291,483	310,533	63.7	498,947	6,467,591	6,966,538	53.5
1981	19,147	316,292	335,439	65.8	500,706	7,161,744	7,662,450	56.0
1982	20,954	334,034	354,988	67.6	545,518	7,484,437	8,029,955	57.6
1983	21,556	334,309	355,865	67.4	567,563	7,593,045	8,160,608	57.6
1984	21,244	348,830	370,074	68.0	559,360	7,997,622	8,556,982	58.2

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1983 and 1984 may be found in Tables 23 and 24.

2/ The total commercial production of milk fat is presented in column 2 of Table 23.

3/ The total commercial production of skim milk is presented in column 2 of Table 24.

TABLE 20. SALES OF CALIFORNIA CLASS 1 MARKET MILK PRODUCTS, BY MONTHS, 1984

	January	February	March	April	May	June	July	August	September	October	November	December
	(Gallons)											
Market Whole Milk	32,994,195	30,354,904	33,373,756	31,580,181	32,481,068	31,171,292	32,281,277	33,851,535	31,491,873	34,213,658	32,624,833	31,679,903
Market Lowfat Milk	22,733,138	21,049,117	23,725,340	21,979,157	22,971,833	20,841,775	21,118,538	21,839,239	22,531,502	24,729,747	23,410,666	22,372,918
Market Skim Milk	3,831,077	3,756,402	4,196,925	3,885,724	4,145,064	3,737,522	3,544,495	3,703,766	3,998,111	4,565,923	4,144,851	3,896,680
Half-and-Half	914,670	885,555	964,724	938,446	971,467	899,415	930,241	929,810	861,240	945,526	991,789	1,014,079
Yogurt	1,479,756	1,467,120	1,565,985	1,516,376	1,640,074	1,407,703	1,492,739	1,485,294	1,529,216	1,493,701	1,189,684	1,105,925
Other Class 1 Products	3,399	3,714	3,814	3,957	3,841	4,157	4,004	3,908	3,511	3,923	4,217	4,773
Total Class 1	61,956,235	57,516,812	63,830,544	59,893,841	62,213,347	58,061,864	59,371,294	61,813,552	60,415,453	65,952,478	62,366,040	60,074,278

MILK FAT SOLD IN CALIFORNIA CLASS 1 MARKET MILK PRODUCTS

	(Pounds)											
Market Whole Milk	9,904,349	9,111,275	10,016,936	9,479,366	9,749,364	9,356,396	9,689,733	10,161,004	9,452,077	10,270,039	9,812,452	9,509,624
Market Lowfat Milk	3,779,795	3,480,099	3,929,799	3,649,261	3,819,095	3,445,733	3,491,458	3,610,718	3,723,372	4,096,017	3,875,918	3,715,746
Market Skim Milk	4,383	4,590	5,083	5,349	5,755	5,782	4,259	4,840	5,806	6,831	6,266	4,547
Half-and-Half	830,111	801,065	872,622	848,587	878,211	813,640	841,552	841,248	779,158	856,834	897,600	917,604
Yogurt	233,801	231,805	247,426	239,587	259,132	222,417	235,853	234,676	241,616	236,005	187,970	174,736
Other Class 1 Products	3,059	3,343	3,433	3,561	3,457	3,741	3,604	3,517	3,160	3,531	3,795	4,296
Total Class 1	14,755,498	13,632,177	15,075,299	14,225,711	14,715,014	13,847,709	14,266,459	14,856,003	14,205,189	15,469,257	14,784,001	14,326,553

TABLE 21. PRODUCTION OF SELECTED MANDATORY CLASS 2 PRODUCTS AND USAGE OF MARKET MILK FAT IN THESE PRODUCTS IN CALIFORNIA, BY MONTHS, 1984

	January	February	March	April	May	June	July	August	September	October	November	December
	(product pounds)											
Sour Cream & Sour Cream Dress.	6,066,121	6,734,234	6,990,282	7,238,852	7,582,649	7,149,341	7,464,450	7,352,909	6,566,350	7,289,011	8,265,670	9,270,550
All Other Market Cream	3,428,833	4,293,549	4,870,315	5,152,967	4,829,022	4,533,982	4,676,044	4,416,671	4,039,298	5,468,073	6,866,942	5,285,180
Buttermilk	7,315,389	6,613,885	7,065,883	6,964,632	7,447,189	6,656,321	7,557,344	8,084,707	7,490,004	7,485,987	7,348,852	7,242,179
Creamed Cottage Cheese 1/	2,378,312	2,281,615	2,455,382	2,427,544	2,500,583	2,464,890	2,796,525	2,612,198	2,556,101	2,534,497	2,178,409	2,125,926
Lowfat Cottage Cheese 1/	1,385,574	1,416,992	1,544,572	1,554,348	1,591,799	1,635,544	1,775,809	1,763,804	1,637,178	1,622,179	1,358,048	1,357,515
Cottage Cheese, Dry Curd 2/	49,149,911	48,362,204	52,741,045	51,832,794	53,998,849	55,882,488	62,361,967	60,944,969	58,528,929	57,248,491	47,990,946	48,430,541
Filled and Imitation Products	87,981	133,624	107,518	100,761	121,497	105,923	128,637	86,420	85,324	89,718	109,484	93,008
Yogurt (Out-of-State Use)	2,992,929	3,415,791	3,323,737	3,227,950	3,007,085	3,449,348	3,634,773	3,453,562	3,645,170	3,867,506	3,060,043	2,806,343
TOTAL	72,805,050	73,251,894	79,098,734	78,499,848	81,078,673	81,877,837	90,395,549	88,715,240	84,548,354	85,605,462	77,178,394	76,611,242

	(market milk fat pounds)											
Sour Cream & Sour Cream Dress.	1,217,521	1,351,617	1,403,008	1,452,898	1,521,901	1,434,933	1,498,178	1,475,790	1,317,922	1,462,966	1,658,989	1,860,677
All Other Market Cream	1,121,200	1,403,955	1,592,552	1,684,977	1,579,050	1,482,574	1,529,028	1,444,215	1,320,817	1,788,014	2,245,433	1,728,210
Buttermilk	33,946	30,691	32,788	32,318	34,558	30,888	35,069	37,516	34,756	34,738	34,101	33,606
Creamed Cottage Cheese 3/	344,855	330,834	356,030	351,994	362,584	357,409	405,496	378,769	370,635	367,502	315,869	308,259
Lowfat Cottage Cheese 4/	76,206	77,934	84,951	85,489	87,549	89,955	97,670	97,009	90,045	89,220	74,693	74,663
Cottage Cheese, Dry Curd	---	---	---	---	---	---	---	---	---	---	---	---
Filled and Imitation Products	---	---	---	---	---	---	---	---	---	---	---	---
Yogurt (Out-of-State Use)	54,986	62,755	61,064	59,304	55,246	63,372	66,778	63,449	66,969	71,054	56,219	51,558
TOTAL	2,848,714	3,257,786	3,530,393	3,666,980	3,640,888	3,459,131	3,632,219	3,496,748	3,201,144	3,813,494	4,385,304	4,056,973

1/ Approximately 0.34 pound of creaming mixture is added to each pound of curd in the creaming process.

2/ 7.14 pounds of skim milk are required to make one pound of dry curd.

3/ Creaming mixture for creamed cottage cheese tests 14.5%.

4/ Creaming mixture for lowfat cottage cheese tests 5.5%.

TABLE 22. UTILIZATION OF MARKET AND MANUFACTURING MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1983-1984

YEAR AND MONTH	COMMERCIAL MILK PRODUCTION	MARKET MILK PRODUCTION AND USAGE							MANUFACTURING MILK PRODUCTION	MILK AVAILABLE FOR MANUFACTURE 3/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				Relative to Commercial Production
	Total 1/ (thousand pounds)	Total (thousand pounds)	Total (thousand pounds)	Relative to Production 2/ (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Total (thousand pounds)	(percent)
1983	14,693,493	14,104,674	6,177,320	43.8	895,289	6.3	7,032,065	49.9	588,819	7,620,884	51.9
1984	15,234,861	14,654,257	6,307,805	43.0	969,666	6.6	7,376,785	50.3	580,604	7,957,389	52.2
1983											
January	1,183,021	1,141,702	523,525	45.8	74,193	6.5	543,984	47.6	41,319	585,303	49.5
February	1,072,567	1,034,652	478,951	46.3	70,415	6.8	485,286	46.9	37,916	523,202	48.8
March	1,203,406	1,151,288	536,210	46.6	80,445	7.0	534,633	46.4	52,118	586,751	48.8
April	1,211,192	1,156,920	511,347	44.2	77,910	6.7	567,663	49.1	54,272	621,935	51.3
May	1,285,453	1,228,913	515,905	42.0	79,258	6.4	633,750	51.6	56,541	690,291	53.7
June	1,269,214	1,212,874	490,484	40.4	76,939	6.3	645,451	53.2	56,340	701,791	55.3
July	1,320,406	1,264,684	493,520	39.0	74,257	5.9	696,907	55.1	55,721	752,628	57.0
August	1,290,522	1,235,490	515,295	41.7	78,404	6.3	641,791	51.9	55,031	696,822	54.0
September	1,229,634	1,179,005	535,832	45.4	73,648	6.2	569,525	48.3	50,628	620,153	50.4
October	1,253,025	1,206,435	541,568	44.9	71,437	5.9	593,430	49.2	46,590	640,020	51.1
November	1,185,043	1,142,882	517,496	45.3	71,823	6.3	553,563	48.4	42,161	595,724	50.3
December	1,190,010	1,149,829	517,187	45.0	66,560	5.8	566,082	49.2	40,182	606,264	50.9
1984											
January	1,190,168	1,151,004	532,824	46.3	72,805	6.3	545,375	47.4	39,164	584,540	49.1
February	1,144,089	1,106,473	494,644	44.7	73,252	6.6	538,577	48.7	37,616	576,193	50.4
March	1,271,250	1,224,603	548,943	44.8	79,099	6.4	596,561	48.7	46,648	643,209	50.6
April	1,285,869	1,235,265	515,087	41.7	78,500	6.4	641,678	51.9	50,604	692,282	53.8
May	1,359,488	1,305,201	535,035	41.0	81,079	6.2	689,087	52.8	54,288	743,375	54.7
June	1,314,224	1,259,797	499,332	39.6	81,878	6.5	678,587	53.9	54,426	733,014	55.8
July	1,318,652	1,259,678	510,593	40.5	90,396	7.2	658,689	52.3	58,974	717,663	54.4
August	1,333,648	1,275,946	531,596	41.7	88,715	7.0	655,635	51.4	57,702	713,336	53.5
September	1,244,582	1,192,835	519,573	43.6	84,548	7.1	588,714	49.4	51,747	640,461	51.4
October	1,293,630	1,246,619	567,191	45.5	85,605	6.9	593,822	47.6	47,011	640,833	49.5
November	1,228,900	1,186,685	536,348	45.2	77,178	6.5	573,158	48.3	42,215	615,373	50.1
December	1,250,360	1,210,151	516,639	42.7	76,611	6.3	616,901	51.0	40,209	657,110	52.6

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 7, 8, 9, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk available for manufacturing purposes in California is Total Commercial Production excluding Market Milk Class 1 and Mandatory Class 2 Usage.

TABLE 23. UTILIZATION OF MARKET AND MANUFACTURING MILK FAT PRODUCTION IN CALIFORNIA, BY MONTHS, 1983-1984

YEAR AND MONTH	COMMERCIAL MILK FAT PRODUCTION	MARKET MILK FAT PRODUCTION AND USAGE							MANUFACTURING MILK FAT PRODUCTION	MILK FAT AVAILABLE FOR MANUFACTURE 3/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				Relative to Commercial Production
	Total 1/ (thousand pounds)	Total (thousand pounds)	Total (thousand pounds)	Relative to Production 2/ (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Total (thousand pounds)	(percent)
1983	527,632	506,076	171,767	33.9	37,288	7.4	297,021	58.7	21,556	318,577	60.4
1984	544,233	522,989	174,159	33.3	42,990	8.2	305,840	58.5	21,244	327,084	60.1
1983											
January	44,730	43,120	14,445	33.5	2,401	5.6	26,274	60.9	1,610	27,884	62.3
February	40,399	38,946	13,226	34.0	2,661	6.8	23,059	59.2	1,453	24,512	60.7
March	44,659	42,681	14,826	34.7	3,219	7.5	24,636	57.7	1,978	26,614	59.6
April	43,457	41,486	14,093	34.0	3,028	7.3	24,365	58.7	1,971	26,336	60.6
May	45,082	43,073	14,248	33.1	3,221	7.5	25,604	59.4	2,008	27,612	61.2
June	43,166	41,203	13,695	33.2	3,270	7.9	24,238	58.8	1,963	26,201	60.7
July	45,192	43,261	13,878	32.1	2,914	6.7	26,469	61.2	1,931	28,400	62.8
August	44,575	42,646	14,491	34.0	3,162	7.4	24,993	58.6	1,929	26,922	60.4
September	42,828	41,024	14,913	36.4	2,994	7.3	23,117	56.3	1,804	24,921	58.2
October	44,892	43,184	14,989	34.7	2,875	6.6	25,320	58.6	1,708	27,028	60.2
November	43,745	42,122	14,424	34.2	3,972	9.4	23,726	56.3	1,623	25,349	57.9
December	44,907	43,330	14,539	33.6	3,571	8.2	25,220	58.2	1,578	26,798	59.7
1984											
January	44,561	43,060	14,755	34.3	2,849	6.6	25,455	59.1	1,501	26,957	60.5
February	41,769	40,366	13,632	33.8	3,258	8.1	23,476	58.2	1,403	24,879	59.6
March	45,128	43,447	15,075	34.7	3,530	8.1	24,842	57.2	1,681	26,523	58.8
April	44,998	43,196	14,226	32.9	3,667	8.5	25,303	58.6	1,802	27,106	60.2
May	46,466	44,556	14,715	33.0	3,641	8.2	26,200	58.8	1,910	28,110	60.5
June	44,836	42,936	13,848	32.2	3,459	8.0	25,629	59.7	1,900	27,529	61.4
July	44,907	42,841	14,266	33.3	3,632	8.5	24,942	58.2	2,066	27,008	60.1
August	45,876	43,829	14,856	33.9	3,497	8.0	25,476	58.1	2,047	27,523	60.0
September	43,484	41,608	14,205	34.1	3,201	7.7	24,201	58.2	1,876	26,077	60.0
October	47,292	45,506	15,469	34.0	3,813	8.4	26,223	57.6	1,786	28,009	59.2
November	46,542	44,875	14,784	32.9	4,385	9.8	25,706	57.3	1,667	27,373	58.8
December	48,374	46,770	14,326	30.6	4,057	8.7	28,386	60.7	1,605	29,991	62.0

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk fat available for manufacturing purposes in California is Total Commercial Milk Fat Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Fat Usage.

TABLE 24. UTILIZATION OF MARKET AND MANUFACTURING SKIM MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1983-1984

YEAR AND MONTH	COMMERCIAL SKIM MILK PRODUCTION	MARKET SKIM MILK PRODUCTION AND USAGE							MANUFACTURING SKIM MILK PRODUCTION	SKIM MILK AVAILABLE FOR MANUFACTURE 3/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total 1/ (thousand pounds)	Total (thousand pounds)	Total (thousand pounds)	Relative to Production 2/ (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Total (thousand pounds)	Relative to Commercial Production (percent)
1983	14,165,861	13,598,598	6,005,553	44.2	858,001	6.3	6,735,044	49.5	567,263	7,302,307	51.5
1984	14,690,628	14,131,268	6,133,646	43.4	926,676	6.6	7,070,945	50.0	559,360	7,630,305	51.9
1983											
January	1,138,291	1,098,582	509,080	46.3	71,792	6.5	517,710	47.1	39,709	557,419	49.0
February	1,032,168	995,706	465,725	46.8	67,754	6.8	462,227	46.4	36,463	498,690	48.3
March	1,158,747	1,108,607	521,384	47.0	77,226	7.0	509,997	46.0	50,140	560,137	48.3
April	1,167,735	1,115,434	497,254	44.6	74,882	6.7	543,298	48.7	52,301	595,599	51.0
May	1,240,371	1,185,840	501,657	42.3	76,037	6.4	608,146	51.3	54,533	662,679	53.4
June	1,226,048	1,171,671	476,789	40.7	73,669	6.3	621,213	53.0	54,377	675,590	55.1
July	1,275,214	1,221,423	479,642	39.3	71,343	5.8	670,438	54.9	53,790	724,228	56.8
August	1,245,947	1,192,844	500,804	42.0	75,242	6.3	616,798	51.7	53,102	669,900	53.8
September	1,186,806	1,137,981	520,919	45.8	70,654	6.2	546,408	48.0	48,824	595,232	50.2
October	1,208,133	1,163,251	526,579	45.3	68,562	5.9	568,110	48.8	44,882	612,992	50.7
November	1,141,298	1,100,760	503,072	45.7	67,851	6.2	529,837	48.1	40,538	570,375	50.0
December	1,145,103	1,106,499	502,648	45.4	62,989	5.7	540,862	48.9	38,604	579,466	50.6
1984											
January	1,145,607	1,107,944	518,068	46.8	69,956	6.3	519,920	46.9	37,663	557,583	48.7
February	1,102,320	1,066,107	481,012	45.1	69,994	6.6	515,101	48.3	36,213	551,314	50.0
March	1,226,122	1,181,155	533,867	45.2	75,568	6.4	571,720	48.4	44,967	616,686	50.3
April	1,240,870	1,192,069	500,861	42.0	74,833	6.3	616,374	51.7	48,802	665,176	53.6
May	1,313,023	1,260,645	520,320	41.3	77,438	6.1	662,887	52.6	52,378	715,265	54.5
June	1,269,388	1,216,861	485,484	39.9	78,419	6.4	652,958	53.6	52,526	705,485	55.6
July	1,273,745	1,216,837	496,327	40.8	86,763	7.1	633,747	52.1	56,909	690,655	54.2
August	1,287,772	1,232,118	516,740	41.9	85,218	6.9	630,159	51.1	55,654	685,813	53.2
September	1,201,099	1,151,227	505,368	43.9	81,347	7.1	564,512	49.0	49,871	614,384	51.2
October	1,246,338	1,201,113	551,722	45.9	81,792	6.8	567,599	47.2	45,225	612,824	49.2
November	1,182,357	1,141,810	521,564	45.7	72,793	6.4	547,453	47.9	40,547	588,000	49.7
December	1,201,986	1,163,382	502,312	43.2	72,554	6.2	588,515	50.6	38,604	627,119	52.2

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be determined from Tables 7, 8, 9, 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The skim milk available for manufacturing purposes in California is Total Commercial Skim Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Skim Milk Usage.

SALES OF CLASS 1 MARKET MILK PRODUCTS

Total sales of Class 1 market milk products in California during 1984 amounted to approximately 733.5 million gallons. This included 657.4 million gallons of fluid whole and lowfat milk, 47.4 million gallons of fluid skim milk, 11.2 million gallons of half-and-half, and 17.4 million gallons of yogurt and miscellaneous Class 1 products. The sales of fluid whole and lowfat milk included approximately 15.7 million gallons to the Federal Government and 641.7 million gallons to the civilian trade.

Beginning January 1974, changes were made in the usage classification of several products made with market grade milk. The changes which are reflected in this section are as follows: (1) The product called flavored dairy drink was replaced by flavored lowfat milk, and flavored nonfat milk, and included as components of lowfat milk sales, and fluid skim milk sales, respectively; (2) all fluid cream items except half-and-half became Class 2 usage items; and (3) yogurt sales plus sales of the Class 1 skim portion of imitation milk products have been included as part of Class 1 sales. Because of these changes, valid comparisons between 1984 Class 1 sales and Class 1 sales for years prior to 1974 are difficult.

Between 1983 and 1984, total Class 1 sales were up 2.1 percent. Sales of fluid whole and lowfat milk increased 1.3 percent, sales of fluid skim milk increased 10.8 percent, and sales of fluid half-and-half were up 11.7 percent.

A summary of fluid milk sales by type of trade in California for the years 1967 through 1984 is presented in Table 36. During 1984, sales of market whole milk and lowfat milk to the wholesale trade (stores, restaurants, schools, hospitals, etc.) by distributors on their own routes represented 84.8 percent of total sales; sales by distributors on their own routes to retail customers accounted for 0.2 percent; sales to retail customers cash-and-carry at ranch and/or processing plant, 0.5 percent; sales to subdistributors or peddlers for resale to the trade, 12.1 percent; and sales to the Federal Government, 2.4 percent.

TABLE 25. SALES OF CLASS 1 MARKET MILK PRODUCTS IN CALIFORNIA, BY YEARS, 1967-1984

	Whole and Lowfat Milk			Market Skim Milk	Flavored Dairy Drink	Half-and-Half	Market Cream			Total Class 1 2/
	Total 1/	Federal Gov.	Other				Total	Sour	Other	
					(thousand gallons)					
1967	574,084	40,897	533,187	34,015	9,637	11,711	4,647	3,120	1,527	634,094
1968	571,642	40,181	531,461	35,193	10,226	11,136	4,565	3,283	1,282	632,762
1969	568,672	37,630	531,042	34,904	10,341	10,412	4,197	3,350	847	628,526
1970	568,797	32,626	536,171	34,529	10,391	9,707	4,414	3,556	858	627,838
1971	569,655	30,396	539,259	36,220	9,864	8,427	4,516	3,597	919	628,682
1972	594,110	30,628	563,482	39,738	10,231	8,087	4,478	3,581	897	656,644
1973	600,990	30,178	570,812	41,523	9,820	8,166	4,605	3,773	832	665,104
1974	601,450	27,972	573,478	43,639	---	8,212	---	---	---	667,482
1975	609,327	23,428	585,899	46,263	---	8,207	---	---	---	678,782
1976	634,292	21,683	612,609	46,540	---	8,516	---	---	---	701,461
1977	646,060	20,254	625,806	47,312	---	8,614	---	---	---	714,355
1978	654,784	18,077	636,707	46,097	---	9,095	---	---	---	722,296
1979	662,761	17,203	645,558	45,046	---	9,378	---	---	---	731,723
1980	655,269	16,243	639,026	44,694	---	9,394	---	---	---	725,455
1981	650,965	15,476	635,489	44,170	---	9,650	---	---	---	719,615
1982	640,484	15,340	625,144	42,429	---	9,700	---	---	---	707,272
1983	648,682	15,970	632,712	42,768	---	10,068	---	---	---	718,273
1984	657,391	15,725	641,666	47,406	---	11,247	---	---	---	733,466
1981										
January	56,513	1,348	55,165	3,926		782				62,364
February	50,444	1,312	49,132	3,532	Included	710				55,886
March	56,442	1,494	54,948	4,062	in	792	No longer Class 1			62,657
April	53,608	1,340	52,268	3,806	Market	789	products			59,478
May	53,903	1,265	52,638	3,885	Whole,	793				59,902
June	52,435	1,218	51,217	3,634	Lowfat,	810				58,285
July	54,241	1,344	52,897	3,491	and	845				59,920
August	53,476	1,230	52,246	3,384	Skim	816				58,877
September	54,605	1,291	53,314	3,616	Milk	776				60,212
October	57,156	1,268	55,888	3,866		814				63,086
November	53,568	1,133	52,435	3,568		828				59,120
December	54,574	1,233	53,341	3,400		895				59,826
1982										
January	54,289	1,462	52,827	3,592		780				59,772
February	49,035	1,250	47,785	3,309	Included	726				54,258
March	55,738	1,291	54,447	3,858	in	817	No longer Class 1			61,754
April	53,090	1,276	51,814	3,606	Market	802	products			58,802
May	52,374	1,180	51,194	3,643	Whole,	790				58,124
June	51,056	1,232	49,824	3,371	Lowfat,	804				56,443
July	52,365	1,260	51,105	3,300	and	844				57,804
August	52,616	1,301	51,315	3,272	Skim	805				58,030
September	54,581	1,298	53,283	3,578	Milk	779				60,215
October	56,137	1,266	54,871	3,842		790				62,004
November	54,589	1,253	53,336	3,622		853				60,168
December	54,614	1,272	53,342	3,436		910				59,898
1983										
January	54,939	1,271	53,668	3,684		798				60,875
February	50,184	1,228	48,956	3,424	Included	746				55,692
March	56,123	1,464	54,659	3,819	in	855	No longer Class 1			62,350
April	53,487	1,405	52,082	3,721	Market	800	products			59,459
May	53,830	1,243	52,587	3,732	Whole,	881				59,989
June	51,372	1,318	50,054	3,340	Lowfat,	833				57,033
July	51,987	1,300	50,687	3,204	and	843				57,386
August	54,319	1,360	52,959	3,312	Skim	859				59,918
September	56,344	1,349	54,995	3,668	Milk	817				62,306
October	56,788	1,346	55,442	3,911		827				62,973
November	54,557	1,343	53,214	3,525		866				60,153
December	54,752	1,346	53,406	3,428		943				60,138
1984										
January	55,727	1,395	54,332	3,831		915				61,956
February	51,404	1,257	50,147	3,756	Included	886				57,517
March	57,099	1,376	55,723	4,197	in	965	No longer Class 1			63,830
April	53,549	1,338	52,211	3,886	Market	938	products			59,894
May	55,453	1,327	54,126	4,145	Whole,	971				62,213
June	52,013	1,276	50,737	3,738	Lowfat,	899				58,062
July	53,400	1,252	52,148	3,544	and	930				59,371
August	55,691	1,413	54,278	3,704	Skim	930				61,814
September	54,023	1,210	52,813	3,998	Milk	861				60,415
October	58,943	1,332	57,611	4,566		946				65,952
November	54,053	1,229	52,824	4,145		992				62,366
December	56,035	1,318	54,717	3,897		1,014				60,074

1/ Monthly and annual totals have been derived from unrounded data published in Tables 28, 30, 33, 34, and 35. Therefore, the sum of monthly data may not equal annual totals.

2/ Subsequent to 1973, total Class 1 includes yogurt and miscellaneous Class 1 products.

TABLE 26. CLASS 1 SALES OF SELECTED FLUID MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	Market Whole Milk	Market Lowfat Milk	Market Skim Milk	Half-and-Half	Total Class 1
			(gallons)		
Northern California	121,192,021	107,029,558	13,925,583	4,263,009	Sales of yogurt and miscellaneous Class 1 products not available by marketing areas
South Valley	25,583,733	14,061,088	1,554,100	1,565,242	
Southern California	239,133,797	146,443,298	31,728,131	5,312,171	
Del Norte-Humboldt	2,013,335	1,645,539	191,428	88,227	
Out of Area	175,589	113,487	7,298	18,313	
STATE TOTALS	388,098,475	269,292,970	47,406,540	11,246,962	733,465,738

TABLE 27. CLASS 1 SALES OF SELECTED MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, BY MONTHS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	20,526,093	18,988,846	21,092,655	20,126,056	20,800,171	19,561,266	20,094,232	21,084,696	20,466,773	22,379,004	21,037,274	20,253,105
South Valley	3,709,215	3,471,265	3,717,813	3,658,749	3,795,930	2,955,459	3,318,386	3,532,795	3,411,230	3,911,476	3,721,431	3,560,414
Southern California	35,880,834	33,272,220	37,100,473	34,237,483	35,594,253	33,777,021	34,114,405	35,296,937	34,685,198	37,776,528	36,062,758	34,819,287
Del Norte-Humboldt	325,983	287,111	313,794	302,426	337,674	328,625	328,972	387,027	302,108	370,847	335,804	318,158
Out of Area	30,955	26,536	36,010	48,794	41,404	27,633	18,556	22,895	17,417	16,999	14,872	12,616
STATE TOTALS	60,473,080	56,045,978	62,260,745	58,373,508	60,569,432	56,650,004	57,874,551	60,324,350	58,882,726	64,454,854	61,172,139	58,963,580

1/ Sales of yogurt and miscellaneous Class 1 products are not included because they are not available by marketing area.

TABLE 28. TOTAL SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
	(gallons)											
Northern California	19,114,871	17,608,677	19,530,685	18,621,763	19,237,728	18,059,983	18,706,626	19,522,269	18,960,416	20,722,993	18,675,421	19,460,147
South Valley	3,472,485	3,225,740	3,447,975	3,399,390	3,511,366	2,727,647	3,062,921	3,270,362	3,144,885	3,635,996	3,302,530	3,443,524
Southern California	32,805,859	30,277,008	33,793,927	31,201,878	32,351,819	30,895,239	31,309,544	32,517,006	31,622,899	34,225,605	31,769,553	32,806,758
Del Norte-Humboldt	305,093	267,792	292,922	280,587	313,565	305,342	304,500	361,042	279,169	343,391	293,882	311,589
Out of Area	29,025	24,804	33,587	45,720	38,423	24,856	16,224	20,095	16,006	15,420	11,435	13,481
STATE TOTALS	55,727,333	51,404,021	57,099,096	53,549,338	55,452,901	52,013,067	53,399,815	55,690,774	54,023,375	58,943,405	54,052,821	56,035,499

1/ Sales of market whole milk and lowfat milk to the Federal Government are included.

TABLE 29. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
	(gallons)											
Northern California	18,552,128	17,125,198	19,033,581	18,059,751	18,746,352	17,606,542	18,226,298	19,038,458	18,522,837	20,168,563	18,197,295	18,948,458
South Valley	3,401,299	3,189,887	3,411,072	3,374,827	3,478,534	2,710,664	3,043,878	3,252,688	3,127,433	3,590,479	3,262,235	3,399,376
Southern California	31,927,148	29,539,447	32,952,374	30,450,454	31,549,498	30,090,251	30,557,149	31,605,710	30,867,973	33,494,146	31,059,289	32,044,788
Del Norte-Humboldt	303,510	267,299	292,364	280,225	313,093	304,810	304,140	360,412	278,789	342,963	293,538	311,095
Out of Area	29,025	24,804	33,587	45,720	38,423	24,856	16,224	20,095	16,006	15,420	11,435	13,481
STATE TOTALS	54,213,110	50,146,635	55,722,978	52,210,977	54,125,900	50,737,123	52,147,689	54,277,363	52,813,038	57,611,571	52,823,792	54,717,198

1/ Sales of market whole milk and lowfat milk to the Federal Government are not included. They are shown separately in Table 30.

TABLE 30. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA TO THE FEDERAL GOVERNMENT BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	536,889	483,479	497,104	562,012	491,376	453,441	480,328	483,811	437,579	554,430	478,126	511,689
South Valley	63,064	35,853	36,903	24,563	32,832	16,983	19,043	17,674	17,452	45,517	40,295	44,148
Southern California	794,895	737,561	841,553	751,424	802,321	804,988	752,395	911,296	754,926	731,459	710,264	761,970
Del Norte-Humboldt	452	493	558	362	472	532	360	630	380	428	344	494
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	1,395,300	1,257,386	1,376,118	1,338,361	1,327,001	1,275,944	1,252,126	1,413,411	1,210,337	1,331,834	1,229,029	1,318,301

TABLE 31. SALES OF MARKET WHOLE MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	10,139,991	9,321,021	10,144,389	9,903,581	10,139,049	9,847,133	10,246,646	10,805,737	9,873,234	10,826,530	10,152,133	9,792,577
South Valley	2,238,665	2,077,550	2,199,060	2,186,769	2,243,686	1,805,180	2,080,278	2,214,588	1,970,791	2,278,043	2,175,054	2,114,069
Southern California	20,428,047	18,792,913	20,848,010	19,306,208	19,902,648	19,333,216	19,768,870	20,615,129	19,484,615	20,918,360	20,122,471	19,613,310
Del Norte-Humboldt	170,619	148,826	162,292	156,048	172,545	171,810	174,278	202,304	153,340	181,306	166,982	152,985
Out of Area	16,873	14,594	20,005	27,575	23,140	13,953	11,205	13,777	9,893	9,419	8,193	6,962
STATE TOTALS	32,994,195	30,354,904	33,373,756	31,580,181	32,481,068	31,171,292	32,281,277	33,851,535	31,491,873	34,213,658	32,624,833	31,679,903

TABLE 32. SALES OF LOWFAT MARKET MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
	(gallons)											
Northern California	8,974,880	8,287,656	9,386,296	8,718,182	9,098,679	8,212,850	8,459,980	8,716,532	9,087,182	9,896,463	9,308,014	8,882,844
South Valley	1,233,820	1,148,190	1,248,915	1,212,621	1,267,680	922,467	982,643	1,055,774	1,174,094	1,357,953	1,268,470	1,188,461
Southern California	12,377,812	11,484,095	12,945,917	11,895,670	12,449,171	11,562,023	11,540,674	11,901,877	12,138,284	13,307,245	12,684,287	12,156,243
Del Norte-Humboldt	134,474	118,966	130,630	124,539	141,020	133,532	130,222	158,738	125,829	162,085	144,607	140,897
Out of Area	12,152	10,210	13,582	18,145	15,283	10,903	5,019	6,318	6,113	6,001	5,288	4,473
STATE TOTALS	22,733,138	21,049,117	23,725,340	21,969,157	22,971,833	20,841,775	21,118,538	21,839,239	22,531,502	24,729,747	23,410,666	22,372,918

TABLE 33. SALES OF MARKET SKIM MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
	(gallons)											
Northern California	1,068,000	1,053,867	1,206,768	1,151,261	1,198,954	1,147,623	1,033,870	1,201,421	1,183,430	1,296,940	1,203,868	1,179,581
South Valley	126,355	125,799	137,748	132,098	135,349	113,708	122,857	129,219	127,660	142,892	131,897	128,518
Southern California	2,621,816	2,562,880	2,837,123	2,586,360	2,793,211	2,459,515	2,370,913	2,354,958	2,671,029	3,106,319	2,791,964	2,572,043
Del Norte-Humboldt	14,157	13,147	14,336	14,695	16,445	16,078	16,474	17,659	15,726	19,493	16,883	16,335
Out of Area	749	709	950	1,310	1,105	598	381	509	266	279	239	203
STATE TOTALS	3,831,077	3,756,402	4,196,925	3,385,724	4,145,064	3,737,522	3,544,495	3,703,766	3,998,111	4,565,923	4,144,851	3,896,680

TABLE 34. SALES OF HALF-AND-HALF IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
	(gallons)											
Northern California	343,222	326,302	355,202	353,032	363,489	353,660	353,736	361,006	322,927	359,071	373,259	398,103
South Valley	110,375	119,726	132,090	127,261	149,215	114,104	132,608	133,214	138,685	132,588	146,010	129,366
Southern California	453,159	432,332	469,423	449,245	449,223	422,267	433,948	424,973	391,270	444,604	464,036	477,691
Del Norte-Humboldt	6,733	6,172	6,536	7,144	7,664	7,205	7,998	8,326	7,213	7,963	7,332	7,941
Out of Area	1,181	1,023	1,473	1,764	1,876	2,179	1,951	2,291	1,145	1,300	1,152	978
STATE TOTALS	914,670	885,555	964,724	938,446	971,467	899,415	930,241	929,810	861,240	945,526	991,789	1,014,079

TABLE 35. SALES OF CLASS 1 YOGURT IN CALIFORNIA, 1977-1984

	1977	1978	1979	1980	1981	1982	1983	1984
	(gallons)							
January	840,848	946,944	1,041,653	1,270,994	1,116,434	1,107,907	1,450,494	1,479,756
February	840,189	955,134	979,654	1,375,360	1,176,634	1,182,459	1,332,739	1,467,120
March	1,000,518	1,047,245	1,112,377	1,411,460	1,332,044	1,337,986	1,548,441	1,565,985
April	1,002,256	999,083	1,120,263	1,418,033	1,252,399	1,300,627	1,446,942	1,516,376
May	1,024,513	1,099,612	1,241,333	1,482,010	1,302,825	1,313,424	1,541,868	1,640,074
June	982,821	979,419	1,171,482	1,393,047	1,388,540	1,208,097	1,482,345	1,407,703
July	954,406	966,629	1,155,436	1,361,068	1,335,357	1,290,316	1,346,735	1,492,739
August	1,047,699	965,313	1,252,284	1,295,974	1,197,118	1,333,096	1,424,961	1,485,294
September	1,038,497	949,304	1,288,544	1,316,919	1,211,423	1,272,345	1,472,865	1,529,216
October	997,270	1,075,560	1,437,105	1,350,747	1,245,992	1,230,410	1,443,482	1,493,701
November	893,752	871,461	1,184,802	1,078,230	1,150,738	1,099,467	1,200,836	1,189,684
December	768,518	787,560	1,090,876	998,967	952,406	932,382	1,009,416	1,105,925
STATE TOTALS	11,391,287	11,643,264	14,075,809	15,752,809	14,661,910	14,608,516	16,701,124	17,373,573

TABLE 36. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE, 1967-1984

	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total 1/
			(thousand gallons)			
1967	340,231	94,689	37,919	57,665	40,897	571,401
1968	350,504	83,247	35,293	59,935	40,181	569,160
1969	361,007	71,788	33,587	62,570	37,630	566,582
1970	379,699	49,879	31,690	73,051	32,626	566,945
1971	392,862	36,244	26,471	82,058	30,396	568,031
1972	416,564	31,096	24,880	89,512	30,628	592,680
1973	428,065	26,436	21,495	93,488	30,178	599,662
1974	439,995	16,668	18,779	96,472	27,973	599,887
1975	462,723	11,208	15,179	95,128	23,428	607,666
1976	488,481	8,610	12,141	101,974	21,683	632,889
1977	516,333	6,631	9,850	92,146	20,254	645,214
1978	538,073	5,534	8,607	83,983	18,077	654,274
1979	552,364	4,650	7,596	80,735	17,203	662,548
1980	552,691	2,814	6,509	76,682	16,245	654,941
1981	553,703	2,130	5,465	74,024	15,477	650,799
1982	545,833	1,978	4,491	72,842	15,340	640,484
1983	550,530	1,122	3,958	77,102	15,970	648,682
1984	557,736	1,162	3,495	79,273	15,725	657,391
1981						
January	58,386	190	514	6,051	1,349	56,490
February	42,788	171	485	5,669	1,312	50,425
March	47,759	180	540	6,447	1,494	56,420
April	45,450	175	504	6,116	1,340	53,585
May	45,735	173	497	6,212	1,265	53,882
June	44,747	187	375	5,886	1,218	52,413
July	46,017	169	419	6,272	1,344	54,221
August	45,596	163	410	6,060	1,230	53,459
September	46,229	178	451	6,456	1,291	54,605
October	48,605	186	453	6,645	1,268	57,157
November	45,721	174	414	6,126	1,133	53,568
December	46,670	184	403	6,084	1,233	54,574
1982						
January	46,386	173	392	5,876	1,462	54,289
February	41,750	157	360	5,518	1,250	49,035
March	47,648	185	401	6,213	1,291	55,738
April	45,496	172	379	5,767	1,276	53,090
May	44,801	166	380	5,847	1,180	52,374
June	43,564	176	371	5,713	1,232	51,056
July	44,653	150	347	5,955	1,260	52,365
August	44,767	141	372	6,035	1,301	52,616
September	46,103	165	397	6,618	1,298	54,581
October	47,866	171	382	6,452	1,266	56,137
November	46,245	162	388	6,541	1,253	54,589
December	46,555	159	320	6,308	1,272	54,614
1983						
January	46,844	108	318	6,399	1,271	54,939
February	42,560	96	334	5,965	1,228	50,184
March	47,441	101	362	6,754	1,464	56,123
April	45,104	94	344	6,540	1,405	53,487
May	45,553	94	345	6,595	1,243	53,830
June	43,610	91	316	6,037	1,318	51,372
July	44,167	85	307	6,128	1,300	51,987
August	46,050	84	327	6,498	1,360	54,319
September	47,847	97	415	6,636	1,349	56,344
October	48,192	92	304	6,854	1,346	56,788
November	46,483	92	292	6,347	1,343	54,557
December	46,677	87	294	6,348	1,346	54,752
1984						
January	47,451	84	307	6,490	1,395	55,727
February	43,748	91	272	6,035	1,257	51,404
March	48,665	89	302	6,666	1,376	57,099
April	45,370	84	291	6,466	1,338	53,549
May	46,922	157	275	6,772	1,327	55,453
June	44,166	92	275	6,205	1,276	52,013
July	45,301	78	288	6,480	1,252	53,400
August	47,184	80	303	6,710	1,413	55,691
September	45,768	81	291	6,672	1,210	54,023
October	49,746	113	317	7,435	1,332	58,943
November	46,005	106	271	6,441	1,229	54,053
December	47,409	106	301	6,900	1,318	56,035

1/ Monthly and annual totals have been derived from unrounded data; therefore, the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 30, 37, 38, 39, 40, and 41.

TABLE 37. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA MARKETING AREAS, BY TYPE OF TRADE, 1984

Marketing Area	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total
			(gallons)			
Northern California	193,431,518	97,516	331,305	28,390,976	5,970,264	228,221,579
South Valley	29,828,294	594,595	475,518	8,352,087	394,327	39,644,821
Southern California	331,821,150	468,451	2,668,489	41,263,953	9,355,052	385,577,095
Del Norte-Humboldt	2,635,346	1,766	19,811	996,446	5,505	3,658,874
Out of Area	19,810	---	---	269,266	---	289,076
STATE TOTALS	557,736,118	1,162,328	3,495,123	79,272,728	15,725,148	657,391,445

1/ Monthly detail for each of the trade types may be found in Tables 38, 39, 40, 41, and 30, respectively.

TABLE 38. WHOLESALE SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	16,099,593	14,759,172	16,571,413	15,586,975	16,194,674	15,455,307	15,966,090	16,706,447	16,115,293	17,473,232	16,014,584	16,488,738
South Valley	2,764,393	2,613,684	2,749,716	2,738,898	2,665,551	1,994,876	2,201,009	2,360,413	2,288,747	2,568,621	2,428,191	2,454,195
Southern California	28,370,075	26,184,398	29,132,680	26,833,268	27,836,428	26,493,224	26,921,715	27,850,642	27,165,529	29,452,901	27,343,006	28,237,284
Del Norte-Humboldt	216,819	190,754	204,629	198,395	225,233	222,134	211,799	266,166	199,007	251,671	219,597	229,142
Out of Area	---	---	6,814	12,996	---	---	---	---	---	---	---	---
STATE TOTALS	47,450,880	43,748,008	48,665,252	45,370,532	46,921,886	44,165,541	45,300,613	47,183,668	45,768,576	49,746,425	46,005,378	47,409,359

1/ Sales to institutions, such as California correctional facilities, are included.

TABLE 39. RETAIL HOME-DELIVERED SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	8,604	14,390	8,641	8,376	8,427	7,978	6,732	7,438	7,042	7,137	6,139	6,612
South Valley	51,129	48,399	52,551	47,798	51,324	46,894	46,024	47,952	49,219	55,145	49,710	48,450
Southern California	24,333	27,925	27,762	27,231	97,477	36,551	25,740	24,682	24,222	51,043	50,318	51,167
Del Norte-Humboldt	155	145	182	151	133	156	82	136	130	136	151	209
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	84,221	90,859	89,136	83,556	157,361	91,579	78,578	80,208	80,613	113,461	106,318	106,438

TABLE 40. CASH-AND-CARRY SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	29,691	22,480	30,693	28,363	28,257	26,861	27,190	27,944	27,652	29,655	22,058	30,461
South Valley	41,540	37,689	44,270	36,037	41,402	33,272	39,442	42,233	36,263	43,096	35,457	44,817
Southern California	234,094	210,481	225,466	224,905	203,393	213,331	220,580	231,477	225,948	242,289	212,041	224,484
Del Norte-Humboldt	1,973	1,817	2,000	1,800	1,788	1,440	1,204	1,536	1,575	1,726	1,488	1,464
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	307,298	272,467	302,429	291,105	274,840	274,904	288,416	303,190	291,438	316,766	271,044	301,226

TABLE 41. PEDDLER SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,440,094	2,329,156	2,422,834	2,436,037	2,514,994	2,116,396	2,226,286	2,296,629	2,372,850	2,658,539	2,154,514	2,422,647
South Valley	552,359	490,115	564,535	552,094	720,257	635,622	757,403	802,090	753,204	923,617	748,877	851,914
Southern California	3,382,462	3,116,643	3,566,466	3,365,050	3,412,200	3,347,145	3,389,114	3,498,909	3,452,274	3,747,913	3,453,924	3,531,853
Del Norte-Humboldt	85,694	74,583	85,553	79,879	85,939	81,080	91,055	92,574	78,077	89,430	72,302	80,280
Out of Area	29,025	24,804	26,773	32,724	38,423	24,856	16,224	20,095	16,006	15,420	11,435	13,481
STATE TOTALS	6,489,634	6,035,301	6,666,161	6,465,784	6,771,813	6,205,099	6,480,082	6,710,297	6,672,411	7,434,919	6,441,052	6,900,175

MANUFACTURE OF DAIRY PRODUCTS

Approximately 192.3 million pounds of butter were manufactured in California during 1984. This was 0.8 percent more than 1983 and 53.1 percent more than the amount produced 10 years earlier in 1974.

The total manufacture of cheese, other than cottage cheese, in California during 1984 was approximately 304.8 million pounds. This production was 8.4 percent more than in 1983 and approximately 5 times the amount produced 10 years earlier. Of the cheese manufactured in 1984 approximately 164.1 million pounds were whole-milk varieties and 140.8 million pounds were part-skim and full-skim varieties. Between 1983 and 1984, the manufacture of whole-milk cheese decreased 0.5 percent and the manufacture of part-skim and full-skim cheese rose 21.0 percent. Table 46 presents the annual manufacture of cheese in California by major varieties for 1974 through 1984.

During 1984, approximately 90.7 million pounds of dry curd cottage cheese were manufactured in California. The addition of creaming mixtures to this curd resulted in an output of 86.2 million pounds of cottage cheese and 54.8 million pounds of lowfat cottage cheese. The approximate combined total of 141.0 million pounds manufactured represents cottage cheese in the form in which most of it is consumed. Between 1983 and 1984, the manufacture of cottage cheese and lowfat cottage cheese combined increased approximately 5.8 percent. The manufacture of lowfat cottage cheese increased 9.6 percent while the manufacture of cottage cheese increased 3.5 percent.

During 1984 approximately 174.8 million pounds of bulk unsweetened condensed skim milk were manufactured. This was 6.7 percent more than was manufactured during 1983.

During 1984 approximately 271.8 million pounds of nonfat-dry-milk for human consumption and 1.6 million pounds of nonfat-dry-milk for animal feed were manufactured in California. This was an increase of 1.8 percent from 1983 for nonfat-dry-milk for human consumption and an increase of 2.9 percent for nonfat-dry-milk for animal feed.

Approximately 10.1 million gallons of fluid buttermilk were manufactured in California during 1984. This was 2.9 percent more than the output during 1983.

The manufacture of frozen dairy products in California during 1984 included approximately 106.7 million gallons of ice cream, 29.6 million gallons of ice milk, 5.0 million gallons of sherbet, 0.2 million gallons of imitation ice cream, and 0.4 million gallons of imitation ice milk. The approximate total of 142.0 million gallons was 5.6 percent more than that manufactured during 1983. The above figures do not include approximately 6.3 million gallons of frozen yogurt manufactured in California in 1984. From 1983 to 1984 the manufacture of ice cream rose 5.6 percent. During the same period the manufacture of ice milk increased 6.2 percent, the manufacture of sherbet increased 6.2 percent, the manufacture of imitation ice cream declined 32.8 percent, and the manufacture of imitation ice milk was down 5.6 percent.

TABLE 42. MANUFACTURE OF BUTTER IN CALIFORNIA BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	10,962,167	12,592,617	13,936,278	14,651,221	16,389,834	13,706,153	17,472,840	18,269,455	20,171,690	19,308,876	18,916,692
February	9,989,288	11,202,981	12,275,942	12,123,977	13,686,543	11,204,275	14,368,038	15,261,939	17,724,011	16,325,399	15,782,184
March	10,151,825	11,694,039	13,381,540	14,640,591	13,185,028	10,475,405	15,021,046	17,293,307	19,363,903	16,725,687	16,123,645
April	11,072,643	12,346,089	12,676,329	12,989,137	11,994,616	12,368,969	15,708,064	16,438,185	18,841,361	16,765,427	15,941,613
May	11,202,095	12,152,798	13,157,264	14,192,474	11,799,244	12,422,328	16,267,872	16,086,130	17,107,921	16,684,347	16,937,181
June	10,944,203	10,661,744	12,762,151	13,486,607	10,409,551	11,563,892	14,940,750	14,212,188	15,287,300	14,013,743	15,042,821
July	11,306,455	11,825,001	12,262,099	12,721,550	11,422,898	12,035,293	15,712,291	13,882,773	15,696,889	15,056,091	13,878,854
August	10,995,455	11,774,787	12,853,778	12,038,240	10,539,619	12,783,856	14,458,690	14,769,701	14,848,865	14,505,658	15,313,413
September	9,914,230	10,514,034	11,398,496	11,806,168	11,203,995	12,166,567	15,861,546	15,217,859	15,058,144	14,494,730	13,244,906
October	10,197,702	10,564,615	11,857,142	13,231,827	9,629,160	12,738,973	15,906,239	18,197,073	16,634,931	16,707,427	16,494,889
November	8,643,438	9,993,856	9,275,922	11,621,442	8,443,751	12,250,821	13,560,172	15,647,474	15,017,214	14,664,231	16,615,333
December	10,229,583	10,326,667	11,198,867	13,439,129	10,230,387	13,250,536	15,905,969	17,084,388	16,975,480	15,533,196	18,021,238
Total	125,609,084	135,649,228	147,035,808	156,942,363	138,934,626	146,967,068	185,183,517	192,360,472	202,727,709	190,784,812	192,312,769

TABLE 43. MANUFACTURE OF CHEESE IN CALIFORNIA BY MONTHS, 1974-1984 1/

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	4,649,592	6,202,997	7,476,324	8,158,312	10,328,275	10,766,265	14,352,620	17,117,546	17,945,363	21,433,084	23,412,858
February	4,484,033	5,876,912	7,637,086	8,118,298	9,626,606	10,342,118	13,146,565	15,422,383	16,353,797	19,287,803	22,310,804
March	5,033,831	6,665,847	9,044,514	9,878,286	11,967,421	12,547,113	15,308,768	16,529,001	20,126,014	22,147,171	24,286,805
April	5,435,744	6,286,724	9,559,424	9,916,529	10,775,623	11,842,136	14,946,930	17,722,116	19,322,816	22,117,574	24,933,840
May	5,872,282	7,471,913	10,379,926	11,314,658	11,310,657	12,228,238	13,378,250	17,815,483	20,515,583	24,203,822	27,543,776
June	5,432,056	8,217,868	11,023,764	11,029,671	11,456,958	12,025,544	14,002,562	17,536,362	22,269,576	24,885,643	27,004,126
July	5,887,643	9,399,952	10,103,545	11,163,118	11,853,075	12,778,746	14,398,465	18,854,750	22,930,450	25,925,934	25,445,870
August	5,893,822	9,615,096	10,392,298	11,243,315	12,447,630	13,591,125	14,636,988	18,978,505	22,611,395	25,212,218	26,698,848
September	5,635,315	8,455,844	9,128,563	10,723,482	11,894,911	12,093,152	16,334,455	17,900,474	21,554,075	23,948,391	23,429,681
October	6,064,461	8,152,451	8,804,821	10,997,352	11,701,208	13,954,023	16,642,842	17,655,878	22,198,747	23,795,552	27,076,625
November	6,150,569	7,985,092	9,188,693	11,466,235	11,821,115	14,887,518	17,080,435	17,263,035	22,080,994	23,999,870	26,504,521
December	5,886,396	8,544,711	9,374,902	11,767,975	11,773,045	14,747,070	17,232,681	17,880,507	22,349,120	24,292,610	26,194,925
Total	66,425,744	92,875,407	112,113,860	125,777,231	136,956,524	151,803,048	181,461,561	210,676,040	250,257,930	281,249,672	304,842,679

1/ Cottage cheese is excluded.

TABLE 44. MANUFACTURE OF WHOLE-MILK CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	1,560,920	1,511,660	2,042,267	2,294,249	3,103,047	3,294,742	5,793,911	7,405,476	10,219,835	12,323,899	13,545,434
February	1,486,849	1,377,894	2,059,710	2,481,482	3,040,349	3,441,575	5,332,701	6,861,335	9,381,816	10,743,409	13,226,268
March	1,809,457	1,646,762	2,535,844	3,477,078	4,226,157	4,467,087	6,273,763	7,658,588	9,511,834	13,174,356	14,428,949
April	1,846,736	1,452,349	2,634,464	3,066,458	3,368,812	4,162,377	6,577,656	7,946,504	8,783,492	13,105,931	15,054,122
May	1,924,140	1,813,742	2,388,070	3,435,374	3,898,227	4,100,322	6,988,406	7,940,171	11,875,399	14,175,483	15,311,570
June	1,669,649	2,007,923	2,701,323	3,233,817	3,867,179	4,359,996	7,447,266	8,290,020	12,414,808	15,079,106	15,528,032
July	1,827,988	2,085,959	2,663,221	3,433,669	3,728,329	4,422,971	7,779,555	10,393,659	12,739,109	15,709,965	12,586,684
August	1,936,283	2,033,691	2,715,814	3,314,091	4,015,751	4,559,802	6,785,922	10,685,986	12,512,398	14,877,643	12,697,427
September	1,708,975	1,891,202	2,628,726	3,370,561	3,841,589	4,261,523	7,061,751	10,014,976	12,167,025	13,914,406	11,506,013
October	1,846,738	2,314,405	2,795,602	3,576,313	4,011,264	5,796,295	6,479,511	9,734,609	12,896,818	13,161,473	13,830,166
November	1,953,805	2,161,720	3,128,518	4,274,277	4,335,231	6,730,691	7,141,578	10,296,183	12,853,260	14,352,878	13,315,210
December	1,735,493	2,405,543	3,014,070	4,059,110	3,984,139	6,327,398	7,043,474	10,029,239	12,750,256	14,266,908	13,040,628
Total	21,307,033	22,702,850	31,307,629	40,016,479	45,420,074	55,924,779	80,705,494	107,256,746	138,106,050	164,885,457	164,070,503

TABLE 45. MANUFACTURE OF PART-SKIM AND FULL-SKIM CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	3,088,672	4,691,337	5,434,057	5,864,063	7,225,228	7,471,523	8,558,709	9,712,070	7,725,528	9,109,185	9,867,424
February	2,997,184	4,499,018	5,577,376	5,636,816	6,586,257	6,900,543	7,813,864	8,561,048	6,971,981	8,544,394	9,084,536
March	3,224,374	5,019,085	6,508,670	6,401,208	7,741,264	8,080,026	9,035,005	8,870,413	10,614,180	8,972,815	9,857,856
April	3,589,008	4,834,375	6,924,960	6,856,071	7,406,811	7,679,759	8,369,274	9,775,612	10,539,324	9,011,643	9,879,718
May	3,948,142	5,658,171	7,991,856	7,879,284	7,412,430	8,127,916	6,389,844	9,875,312	8,640,184	10,028,339	12,232,206
June	3,762,407	6,209,945	8,322,441	7,795,854	7,589,779	7,665,548	6,555,296	9,246,342	9,854,768	9,806,537	11,476,094
July	4,059,655	7,313,993	7,440,324	7,729,449	8,124,746	8,355,775	6,857,433	8,461,091	10,191,341	10,215,969	12,859,186
August	3,957,539	7,581,405	7,076,484	7,929,224	8,431,879	9,031,323	7,612,543	8,292,519	10,098,997	10,334,575	14,001,421
September	3,926,340	6,564,642	6,499,837	7,352,921	8,053,322	7,831,629	9,272,704	7,885,498	9,387,050	10,033,985	11,923,668
October	4,217,723	5,838,046	6,009,219	7,421,039	7,689,944	8,157,728	10,163,331	7,921,269	9,301,929	10,634,079	13,246,459
November	4,196,764	5,823,372	6,060,175	7,191,958	7,485,884	8,156,827	9,938,857	6,966,852	9,227,734	9,646,992	13,189,311
December	4,150,903	6,139,168	6,360,832	7,708,865	7,788,906	8,419,672	10,189,207	7,851,268	9,598,864	10,025,702	13,154,297
Total	45,118,711	70,172,557	80,806,231	85,760,752	91,536,450	95,878,269	100,756,067	103,419,294	112,151,880	116,364,215	140,772,176

TABLE 46. MANUFACTURE OF CHEESE IN CALIFORNIA, BY VARIETIES, 1974-1984 1/

	Whole-Milk Cheese						Part and Full-skim Cheese	Total
	American Cheddar	Monterey	Cream	Italian	Other Varieties	All Varieties	All Varieties	
	(pounds)							
1974	1,217,078	4,185,017	3,698,368	10,669,735	1,536,835	21,307,033	45,118,711	66,425,744
1975	1,044,126	4,390,338	4,728,098	10,957,821	1,582,467	22,702,850	70,172,557	92,875,407
1976	2,229,402	6,255,894	6,121,087	15,037,311	1,663,935	31,307,629	80,806,231	112,113,860
1977	4,907,528	7,428,076	8,602,083	17,848,167	1,230,625	40,016,479	85,760,752	125,777,231
1978	6,104,926	9,240,999	9,489,692	19,430,775	1,153,682	45,420,074	91,536,450	136,956,524
1979	12,608,285	10,892,975	9,718,490	21,449,818	1,255,231	55,924,799	95,878,269	151,803,068
1980	36,421,283	11,284,408	7,170,170	24,402,956	1,426,677	80,705,494	100,756,067	181,461,561
1981	57,137,034	13,806,456	8,564,955	26,354,122	1,394,179	107,256,746	103,419,294	210,676,040
1982	78,720,707	19,023,143	10,811,407	28,163,450	1,387,343	138,106,050	112,151,880	250,257,930
1983	84,747,859	25,067,086	11,183,010	42,543,960	1,343,542	164,885,457	116,364,215	281,249,672
1984	78,387,673	30,622,599	11,438,114	42,227,980	1,394,137	164,070,503	140,772,176	304,842,679

1/ Cottage Cheese is excluded.

TABLE 47. MANUFACTURE OF DRY CURD COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	9,647,590	8,772,633	8,784,816	8,821,369	8,555,193	8,553,584	8,388,650	8,316,490	7,435,377	7,374,644	6,883,741
February	8,979,980	8,311,003	8,198,303	8,086,778	8,048,785	7,692,518	8,100,555	7,564,786	6,955,977	6,760,261	6,773,418
March	9,880,725	8,769,151	9,343,707	9,207,129	9,127,474	9,124,044	8,786,304	8,423,881	8,102,337	7,645,925	7,386,701
April	9,290,489	8,466,937	8,838,416	8,840,526	8,766,513	8,407,773	8,650,741	8,486,280	7,623,330	7,549,011	7,259,495
May	9,639,003	9,424,678	9,691,827	9,247,397	9,521,989	9,175,161	8,742,730	9,102,668	8,026,146	7,501,383	7,562,864
June	9,318,624	9,065,336	9,290,274	9,141,362	8,960,525	8,682,715	8,494,076	9,119,751	7,630,116	7,287,505	7,826,679
July	9,546,019	8,852,506	9,427,987	8,908,293	8,498,589	8,550,961	9,016,215	8,997,098	7,651,955	7,118,641	8,734,169
August	9,368,456	8,650,326	9,076,138	9,170,486	9,048,073	8,962,626	8,932,936	8,444,538	7,662,961	7,409,483	8,535,710
September	9,107,393	8,502,292	9,050,109	8,815,959	8,750,809	8,637,639	8,224,678	7,864,806	7,362,107	6,965,640	8,197,329
October	9,276,813	8,788,308	8,985,906	8,744,202	9,122,082	8,761,860	8,449,034	7,413,406	7,282,424	6,765,722	8,017,996
November	8,301,323	7,895,481	8,467,297	8,172,446	7,892,489	7,344,452	7,823,489	7,117,964	6,340,007	6,236,695	6,721,421
December	7,800,942	7,593,574	7,442,166	7,683,556	7,164,394	7,528,050	7,279,978	6,624,347	5,997,343	5,730,292	6,782,989
Total	110,157,357	103,092,225	106,596,946	104,839,503	103,456,915	101,421,383	100,889,386	97,476,015	88,070,080	84,345,202	90,682,512

TABLE 48. MANUFACTURE OF LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984 1/

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(pounds)					
January	3,652,816	3,470,980	3,616,842	3,600,474	3,764,804	3,843,544	4,061,641	4,209,653	4,006,481	4,361,457	4,075,219
February	3,374,184	3,084,193	3,430,932	3,345,070	3,488,713	3,495,923	3,883,595	3,878,860	3,861,500	3,931,079	4,167,623
March	3,649,387	3,455,308	3,888,849	3,768,905	4,096,729	4,135,972	4,180,645	4,402,320	4,518,937	4,501,084	4,542,858
April	3,400,144	3,498,758	3,619,523	3,626,851	3,903,565	3,936,209	4,286,549	4,475,300	4,324,553	4,477,603	4,571,611
May	3,621,149	3,954,872	3,919,527	3,899,727	4,361,463	4,411,876	4,338,204	4,929,638	4,439,553	4,572,122	4,681,761
June	3,387,994	3,698,119	3,794,034	3,608,846	4,003,132	3,976,245	4,332,653	4,749,096	4,161,630	4,382,668	4,810,423
July	3,474,205	3,681,714	3,792,626	3,399,140	3,692,613	3,996,987	4,646,651	4,675,398	4,415,952	4,213,732	5,222,969
August	3,416,813	3,407,600	3,633,665	3,749,424	3,897,303	4,100,634	4,391,793	4,272,917	4,293,888	4,400,662	5,187,659
September	3,284,650	3,440,069	3,658,316	3,695,580	3,817,076	3,950,592	4,145,787	4,209,363	4,138,996	4,217,897	4,815,229
October	3,400,493	3,554,722	3,577,577	3,651,488	3,945,632	4,084,960	4,314,793	4,065,081	4,067,088	4,069,631	4,771,114
November	3,009,683	3,138,655	3,376,688	3,565,145	3,520,483	3,473,883	3,762,716	3,857,898	3,658,666	3,553,680	3,994,259
December	2,824,548	3,062,314	3,043,142	3,262,509	3,155,652	3,382,094	3,535,297	3,578,737	3,408,023	3,336,305	3,992,690
Total	40,496,066	41,447,304	43,351,721	43,173,159	45,647,165	46,788,919	49,880,324	51,304,261	49,295,267	50,017,920	54,833,415

1/ Lowfat cottage cheese is partially creamed.

TABLE 49. MANUFACTURE OF COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(pounds)					
January	9,745,751	8,956,412	8,310,661	8,681,220	8,298,828	8,444,323	8,223,870	7,665,950	7,239,576	7,081,527	6,995,035
February	8,949,872	7,710,650	8,209,176	8,099,161	7,760,148	7,565,154	7,826,150	7,115,675	6,699,119	6,351,363	6,710,632
March	9,832,001	8,747,378	9,315,200	8,892,550	8,832,732	8,869,190	8,525,449	7,902,243	7,708,171	7,229,474	7,221,711
April	9,196,416	8,669,944	8,868,354	8,609,387	8,437,073	8,380,940	8,342,269	7,830,824	7,205,769	7,019,945	7,139,835
May	9,862,835	9,101,057	10,146,033	9,131,717	9,193,496	8,879,447	8,289,668	8,259,049	7,567,194	7,476,893	7,354,656
June	9,176,694	9,112,443	9,343,647	9,153,393	8,809,945	8,604,792	8,205,420	8,255,515	7,200,281	7,127,575	7,249,677
July	9,306,534	9,050,408	9,356,554	8,993,469	8,496,558	8,718,928	8,548,389	8,220,776	7,257,056	7,100,718	8,225,073
August	9,182,377	8,885,774	9,131,928	9,053,997	8,779,886	8,854,460	8,530,618	7,800,747	7,468,767	7,554,627	7,682,935
September	8,893,337	8,691,062	9,068,372	8,583,848	8,407,266	8,518,996	7,891,790	7,605,910	7,247,078	7,039,973	7,517,945
October	9,076,318	8,629,939	8,967,540	8,580,982	8,969,546	8,595,947	8,200,186	7,341,109	7,227,101	6,960,590	7,454,402
November	8,025,690	7,821,195	8,461,539	8,042,024	7,769,617	7,523,897	7,302,111	7,053,774	6,396,579	6,508,451	6,407,086
December	7,717,472	7,700,769	7,762,676	7,642,962	6,980,292	7,477,502	6,762,964	6,598,175	6,045,935	5,838,795	6,252,725
Total	108,965,297	103,077,031	106,938,680	103,464,710	100,735,387	100,433,576	96,648,884	91,649,747	85,262,626	83,289,931	86,211,712

TABLE 50. MANUFACTURE OF COTTAGE CHEESE AND LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	13,398,567	12,427,392	11,927,503	12,281,694	12,063,632	12,287,867	12,285,511	11,875,603	11,246,057	11,442,984	11,070,254
February	12,324,056	10,794,843	11,637,108	11,444,231	11,248,861	11,061,077	11,709,745	10,994,535	10,560,619	10,282,442	10,878,255
March	13,481,388	12,202,686	13,204,049	12,661,455	12,929,461	13,005,162	12,706,094	12,304,563	12,227,108	11,730,558	11,764,569
April	12,596,560	12,168,702	12,487,877	12,236,238	12,340,638	12,317,149	12,628,818	12,306,124	11,530,322	11,497,548	11,711,446
May	13,483,984	13,055,929	14,065,560	13,031,444	13,554,959	13,291,323	12,627,872	13,188,687	12,006,747	12,049,015	12,036,417
June	12,564,688	12,810,562	13,137,681	12,762,239	12,813,077	12,581,037	12,538,073	13,004,611	11,361,911	11,510,243	12,060,100
July	12,780,739	12,732,122	13,149,180	12,392,609	12,189,171	12,715,915	13,195,040	12,896,174	11,673,008	11,314,450	13,448,042
August	12,599,190	12,293,374	12,765,593	12,803,421	12,677,189	12,955,094	12,922,411	12,073,664	11,762,655	11,955,289	12,870,594
September	12,177,987	12,131,131	12,726,688	12,279,428	12,224,342	12,469,588	12,037,577	11,815,273	11,386,074	11,257,870	12,333,174
October	12,476,811	12,184,661	12,545,117	12,232,470	12,915,178	12,680,907	12,514,979	11,406,190	11,294,189	11,030,221	12,225,516
November	11,035,373	10,959,850	11,838,227	11,607,169	11,290,100	10,997,780	11,064,827	10,911,672	10,055,245	10,062,131	10,401,345
December	10,542,020	10,763,083	10,805,818	10,905,471	10,135,944	10,859,596	10,298,261	10,176,912	9,453,958	9,175,100	10,245,415
Total	149,461,363	144,524,335	150,290,401	146,637,869	146,382,552	147,222,495	146,529,208	142,954,008	134,557,893	133,307,851	141,045,127

TABLE 51. MANUFACTURE OF UNSWEETENED CONDENSED SKIM MILK IN CALIFORNIA, BY MONTHS, 1974-1984 1/

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	9,618,695	9,165,078	8,081,236	9,791,654	9,268,658	8,584,679	9,476,052	9,868,071	9,208,647	12,952,059	12,513,337
February	8,811,569	7,626,459	8,201,451	8,328,236	7,214,443	7,120,651	9,711,197	9,459,283	8,319,233	9,595,845	12,872,177
March	9,978,255	10,450,273	9,840,149	11,011,688	8,853,721	8,760,017	10,154,329	9,388,627	11,687,943	11,256,307	14,543,532
April	10,940,951	10,763,924	10,614,597	11,642,026	8,659,040	8,655,491	10,989,971	10,700,235	11,045,774	11,716,635	17,037,066
May	11,089,064	11,468,445	11,850,413	11,066,750	9,058,303	9,639,221	11,671,242	9,812,147	16,154,701	14,202,202	14,812,570
June	11,595,566	14,741,690	12,855,870	12,452,324	10,009,188	9,246,262	12,146,707	10,418,619	15,524,990	15,564,762	14,327,669
July	13,153,165	13,026,091	12,124,769	12,143,686	9,853,672	11,642,227	12,311,181	11,349,757	10,831,618	15,739,444	16,596,966
August	11,506,969	11,359,065	14,263,072	12,014,477	10,103,618	11,964,264	12,401,967	10,236,911	14,143,380	15,478,554	16,355,272
September	8,413,245	10,234,208	11,613,428	10,573,345	8,857,169	9,834,736	11,008,721	9,523,691	13,029,751	15,211,243	13,496,826
October	8,993,785	10,438,376	9,015,675	10,347,985	9,863,190	11,297,223	10,517,682	10,294,324	12,724,473	14,143,687	14,810,752
November	8,225,159	9,021,033	10,299,855	10,199,332	9,065,406	9,362,524	10,300,488	10,949,862	11,120,135	14,324,952	14,303,830
December	11,234,731	9,159,881	9,641,787	12,511,926	8,692,871	10,396,026	10,345,447	10,981,930	11,308,766	13,631,586	13,122,914
Total	123,561,154	127,454,523	128,402,302	132,083,429	109,499,279	116,503,321	131,034,984	122,983,457	145,099,411	163,817,276	174,792,911

1/ Bulk goods.

TABLE 52. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR HUMAN CONSUMPTION, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(pounds)					
January	7,475,740	9,035,862	10,791,036	10,569,350	12,884,450	8,962,224	15,454,077	18,455,445	22,994,664	21,424,183	20,650,067
February	7,804,479	9,503,929	10,851,296	11,593,076	11,016,653	8,304,622	14,475,250	17,534,087	21,590,016	16,494,334	19,677,973
March	9,830,353	10,833,292	12,610,301	13,315,478	11,648,330	11,524,576	16,033,128	21,114,324	24,702,566	20,576,912	23,457,246
April	12,958,129	13,377,070	15,492,510	16,561,669	13,698,670	15,928,614	20,152,911	22,446,860	23,931,326	23,146,591	25,136,846
May	15,253,087	16,079,604	16,455,018	17,671,645	14,977,989	18,559,318	24,481,766	23,613,380	25,796,772	24,911,807	27,514,427
June	15,662,440	15,802,979	16,401,921	18,549,932	16,111,259	19,938,666	24,520,792	22,519,106	24,420,992	25,622,979	26,087,558
July	15,688,877	15,877,147	17,257,017	19,682,565	18,201,082	20,903,488	25,803,776	23,801,328	25,471,509	27,128,242	23,876,337
August	14,994,998	14,624,309	16,156,848	17,252,583	15,872,671	20,696,740	23,783,065	23,490,570	24,560,029	24,292,875	25,094,311
September	10,693,257	10,831,815	11,865,423	14,203,492	12,268,126	17,022,984	20,647,326	21,878,667	21,893,654	19,967,215	18,303,500
October	9,519,112	10,589,187	11,166,815	14,205,928	10,186,067	16,358,759	19,929,656	23,815,803	22,116,181	22,674,789	20,467,633
November	7,820,894	9,459,471	10,278,288	12,279,436	9,446,170	15,056,120	17,652,461	21,334,319	20,008,441	20,233,197	20,259,359
December	9,718,696	10,869,052	11,869,999	13,979,498	10,586,351	15,189,768	19,682,429	23,271,639	22,111,699	20,623,356	21,313,002
Total	137,420,062	146,883,717	161,196,472	179,864,652	156,897,818	188,445,879	242,616,637	263,275,528	279,597,849	267,096,480	271,838,259

TABLE 53. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR ANIMAL FEED, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(pounds)					
January	59,167	65,507	66,638	58,617	85,559	58,359	86,577	134,919	137,936	150,742	118,161
February	45,809	63,984	57,275	68,169	91,792	56,539	100,878	94,365	119,782	108,078	106,731
March	64,327	78,300	53,911	76,625	89,570	64,650	133,266	154,188	135,077	88,087	123,516
April	98,672	90,718	105,228	90,662	90,652	86,380	99,863	126,439	192,902	131,393	149,804
May	77,119	108,030	202,646	112,930	101,778	118,655	133,522	148,126	235,174	132,764	190,918
June	107,751	144,855	82,613	115,699	98,670	106,576	155,472	180,054	233,343	126,088	129,288
July	152,679	156,867	111,120	139,194	145,775	150,033	154,648	210,961	172,949	203,572	155,934
August	205,000	139,450	112,797	134,706	96,819	152,431	132,554	138,140	190,686	187,312	170,482
September	70,679	109,324	98,043	114,654	88,036	107,556	183,154	186,125	186,563	112,363	135,904
October	68,118	62,264	98,943	115,868	78,788	120,645	137,595	167,370	105,243	88,082	113,953
November	45,694	47,761	61,746	74,969	83,432	96,416	127,027	174,985	95,564	90,130	112,093
December	50,423	66,002	53,746	84,598	85,563	108,413	143,926	268,310	125,667	119,429	76,233
Total	1,045,438	1,133,062	1,104,706	1,186,691	1,136,434	1,226,653	1,588,482	1,983,982	1,930,886	1,538,040	1,583,017

TABLE 54. MANUFACTURE OF BUTTERMILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	1,103,970	1,057,685	1,098,310	1,058,880	1,003,433	973,150	903,952	873,549	781,913	784,464	848,653
February	993,593	947,666	1,008,481	1,003,158	936,289	898,208	858,367	825,838	759,541	735,449	767,272
March	1,109,433	1,044,636	1,137,617	1,112,213	1,093,092	984,272	893,810	933,728	870,579	868,205	819,708
April	1,083,728	1,052,797	1,086,856	1,071,905	1,017,698	932,276	907,591	909,652	816,974	778,503	807,962
May	1,119,802	1,071,447	1,164,337	1,067,906	1,090,987	993,324	898,227	895,733	840,898	855,764	863,943
June	1,091,171	1,076,348	1,169,243	1,065,695	1,056,935	943,424	917,105	928,336	816,702	830,023	772,195
July	1,188,935	1,162,300	1,197,635	1,087,746	1,053,947	957,338	918,719	947,983	819,431	816,324	876,722
August	1,148,991	1,098,679	1,154,832	1,153,955	1,058,664	1,007,482	942,759	877,717	841,283	876,953	937,901
September	1,116,283	1,101,379	1,147,950	1,068,665	985,881	963,164	894,562	894,058	803,430	825,039	868,910
October	1,098,458	1,108,217	1,113,128	1,050,839	1,034,174	937,489	917,431	829,179	797,110	792,457	868,444
November	1,004,158	1,035,481	1,096,622	1,019,174	944,796	868,360	855,771	840,167	788,075	849,820	852,535
December	1,007,397	1,037,062	1,132,502	991,425	892,031	882,432	868,261	821,168	788,984	829,796	840,160
Total	13,065,919	12,793,697	13,507,513	12,751,561	12,167,927	11,340,919	10,776,555	10,557,108	9,724,920	9,842,797	10,124,405

TABLE 55. MANUFACTURE OF ICE CREAM IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	5,919,195	6,184,862	6,191,071	5,907,774	5,835,485	6,350,980	6,247,041	6,205,235	6,369,178	6,217,188	6,931,142
February	5,510,428	5,693,346	6,135,084	5,944,672	5,926,463	6,307,557	6,983,138	6,603,166	6,598,596	7,131,544	7,989,726
March	6,568,808	6,639,206	7,532,902	7,799,978	7,828,013	7,712,701	7,770,253	7,897,802	8,521,556	9,109,709	9,249,867
April	6,557,482	6,703,270	7,026,875	7,308,319	7,151,847	7,345,798	7,669,571	7,622,194	7,856,208	7,976,684	8,799,618
May	6,683,655	7,365,981	7,352,618	7,065,941	8,044,078	8,075,767	7,759,459	7,996,749	8,341,210	8,374,678	10,040,751
June	7,481,036	8,556,406	8,414,576	8,216,024	9,190,663	8,743,310	8,475,633	9,638,159	9,533,305	10,485,562	10,243,651
July	8,357,363	8,773,057	9,098,317	8,060,791	8,506,610	8,642,687	9,482,641	10,381,126	9,417,652	9,759,724	10,695,734
August	8,124,573	8,028,080	8,397,903	8,755,703	9,151,216	9,285,620	9,314,616	9,070,995	9,674,414	10,839,800	11,087,596
September	7,125,017	7,506,902	7,503,049	7,508,619	6,945,402	7,356,422	7,449,444	8,319,800	8,794,146	9,455,822	9,336,604
October	6,768,115	7,405,795	6,429,161	6,556,530	7,713,146	8,009,799	7,708,245	7,207,262	7,241,206	7,618,126	9,059,391
November	5,640,085	5,658,715	6,661,622	6,539,043	6,655,471	6,121,780	5,712,745	6,527,797	6,769,825	7,242,970	6,774,638
December	5,529,014	6,275,272	6,057,021	5,706,187	5,282,815	5,156,936	6,140,630	6,709,143	6,121,166	6,856,013	6,478,330
Total	80,264,771	84,730,892	86,800,199	85,369,581	88,231,209	89,109,537	90,713,416	94,179,428	95,238,462	101,067,820	106,687,048

TABLE 56. MANUFACTURE OF ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	2,235,050	1,899,744	1,900,399	1,713,423	1,782,391	1,877,067	1,872,419	1,881,620	1,809,087	1,679,849	1,892,987
February	1,937,291	1,866,529	1,824,942	1,869,612	2,012,162	1,904,318	2,001,004	1,981,683	1,952,525	1,838,821	2,026,118
March	2,270,860	2,351,827	2,512,319	2,521,498	2,469,702	2,425,873	2,346,037	2,283,809	2,328,022	2,249,443	2,487,987
April	2,437,799	2,297,546	2,264,591	2,334,809	2,322,322	2,301,330	2,335,254	2,551,102	2,378,287	2,113,932	2,333,752
May	2,709,705	2,775,099	2,534,664	2,503,741	2,933,525	2,629,670	2,552,836	2,527,268	2,571,628	2,652,139	2,839,864
June	2,719,560	2,903,342	2,615,247	2,856,664	2,958,212	2,740,882	2,622,433	2,977,307	2,660,004	2,720,504	2,810,004
July	3,037,060	3,142,004	2,669,884	2,738,493	2,770,006	2,788,345	2,936,872	2,960,275	2,787,994	2,702,191	3,098,789
August	2,959,873	2,863,496	2,469,495	2,926,940	3,008,282	2,802,117	2,843,620	2,595,438	2,831,783	2,977,533	3,110,557
September	2,537,053	2,596,843	2,312,986	2,568,294	2,383,569	2,509,214	2,708,163	2,486,816	2,452,936	2,638,887	2,610,466
October	2,446,155	2,466,981	2,194,081	2,311,192	2,509,024	2,496,452	2,488,298	2,173,617	2,267,901	2,391,954	2,447,702
November	1,851,859	2,020,465	2,049,072	1,972,672	2,119,654	2,119,034	1,899,994	1,915,522	1,928,209	1,964,902	2,022,987
December	1,682,336	2,024,371	1,868,762	1,799,371	1,733,465	1,822,970	2,149,025	2,042,557	1,761,571	1,913,665	1,880,304
Total	28,824,601	29,208,247	27,216,442	28,116,709	29,002,314	28,417,272	28,755,955	28,377,014	27,729,947	27,843,820	29,561,517

TABLE 57. MANUFACTURE OF SHERBET IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	460,598	425,339	397,052	411,666	349,157	383,318	364,749	311,770	347,199	300,390	306,581
February	401,815	330,019	437,252	386,777	313,724	329,255	336,516	349,817	293,585	313,134	363,646
March	455,098	455,128	533,318	500,613	462,368	456,522	385,572	401,241	412,352	376,730	419,227
April	531,311	473,018	517,125	440,192	404,669	381,212	451,686	376,517	397,404	386,881	421,254
May	531,205	521,658	517,225	519,196	523,444	489,162	437,732	447,270	443,050	427,181	470,362
June	677,441	610,483	772,432	583,643	614,240	593,302	438,194	552,303	483,359	522,594	523,115
July	673,779	610,724	764,628	603,670	520,876	549,096	609,372	674,031	462,494	466,175	564,490
August	692,469	561,021	578,995	681,118	532,562	546,676	553,245	459,737	534,173	549,806	535,337
September	537,475	535,232	568,992	486,265	392,661	422,243	367,276	464,936	467,853	450,009	475,975
October	466,134	493,205	423,015	382,210	497,272	465,705	416,086	328,654	320,424	349,525	379,263
November	371,711	331,810	435,332	387,815	355,030	329,777	289,340	260,100	297,396	329,927	311,823
December	366,655	433,046	388,799	327,574	265,793	241,448	365,870	325,359	287,516	282,559	278,308
Total	6,165,691	5,780,683	6,334,165	5,710,739	5,231,796	5,187,716	5,015,638	4,951,735	4,746,805	4,754,911	5,049,381

TABLE 58. MANUFACTURE OF IMITATION ICE CREAM IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	408,884	293,282	249,537	150,771	121,878	139,716	85,887	84,991	58,338	32,645	18,328
February	262,923	285,796	162,877	174,302	126,241	150,493	106,940	86,492	30,615	53,114	21,167
March	362,921	325,666	256,568	254,513	240,834	133,490	97,292	73,033	59,355	48,327	17,240
April	322,659	305,123	239,729	176,495	156,639	164,277	110,595	86,510	47,529	25,690	25,225
May	403,584	340,165	227,232	186,689	154,087	104,239	114,103	110,514	71,898	30,811	23,682
June	363,568	368,366	275,470	272,884	242,583	188,805	126,704	117,851	47,559	40,210	18,002
July	439,315	357,915	253,746	207,376	174,659	96,434	168,979	107,032	69,747	30,539	30,024
August	347,062	318,161	264,110	204,210	184,196	190,040	151,736	64,801	56,659	28,869	20,629
September	367,995	266,335	201,506	189,742	151,380	148,208	67,301	66,757	66,107	20,640	19,458
October	299,828	300,440	244,140	133,273	151,063	105,293	140,496	81,076	60,716	18,299	23,209
November	252,737	191,501	149,111	132,109	119,974	90,353	57,453	53,795	30,287	13,570	8,761
December	197,374	219,464	131,559	122,254	99,518	55,875	78,515	29,506	14,136	14,638	14,585
Total	4,028,850	3,572,214	2,655,585	2,204,618	1,923,052	1,567,223	1,306,001	962,358	612,946	357,352	240,310

TABLE 59. MANUFACTURE OF IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	325,270	235,128	175,776	120,086	77,208	94,091	57,320	50,508	27,760	23,517	22,196
February	318,340	267,368	169,570	150,497	111,726	70,614	60,396	75,254	36,135	27,978	44,210
March	384,440	284,481	305,227	200,798	122,171	135,401	82,734	65,790	71,433	48,673	43,445
April	376,679	280,182	296,356	149,576	158,291	92,791	113,594	78,968	64,878	32,556	36,741
May	411,833	308,778	261,889	179,315	144,561	134,940	75,362	69,301	54,879	39,311	37,819
June	429,558	355,000	251,204	176,219	169,502	105,344	105,706	95,035	56,758	70,585	46,930
July	426,222	331,111	289,209	190,826	141,430	125,292	106,439	94,074	56,279	46,039	42,669
August	427,599	298,634	232,217	211,782	145,842	109,214	105,737	71,097	41,278	63,399	56,660
September	370,816	289,092	193,613	159,909	132,860	77,619	80,342	61,626	43,527	31,075	39,722
October	330,463	206,551	154,566	107,156	126,571	105,029	70,986	52,600	30,088	33,483	26,577
November	266,217	173,934	153,307	120,752	92,476	60,237	54,087	44,893	34,339	21,614	11,083
December	198,555	144,081	119,128	105,707	75,157	49,762	46,511	22,790	15,546	11,496	16,250
Total	4,265,992	3,174,340	2,602,062	1,872,623	1,497,795	1,160,334	959,214	781,936	532,900	449,726	424,302

TABLE 60. MANUFACTURE OF IMITATION ICE CREAM AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	734,154	528,410	425,313	270,857	199,086	233,807	143,207	135,499	86,098	56,162	40,524
February	581,263	553,164	332,447	324,799	237,967	221,107	167,336	161,746	66,750	81,092	65,377
March	747,361	610,147	561,795	455,311	363,005	268,891	180,026	138,823	130,788	97,000	60,685
April	699,338	585,305	536,085	326,071	314,930	257,068	224,189	165,478	112,407	58,246	61,966
May	815,417	648,943	489,121	366,004	298,648	239,179	189,465	179,815	126,777	70,122	61,501
June	793,126	723,366	526,674	449,103	412,085	294,149	232,410	212,886	104,317	110,795	64,932
July	865,537	689,026	542,955	398,202	316,089	221,726	275,418	201,106	126,026	76,578	72,693
August	774,661	616,795	496,327	415,992	330,038	299,254	257,473	135,898	97,937	92,168	77,289
September	738,811	555,427	395,119	349,651	284,240	225,827	147,643	128,383	109,634	51,715	59,180
October	630,291	506,991	398,706	240,429	277,634	210,322	211,482	133,676	90,804	51,782	49,786
November	518,954	365,435	302,418	252,861	212,450	150,590	111,540	98,688	64,626	35,184	19,844
December	395,929	363,545	250,687	227,961	174,675	105,637	125,026	52,296	29,682	26,134	30,835
Total	8,294,842	6,746,554	5,257,647	4,077,241	3,420,847	2,727,557	2,265,215	1,744,294	1,145,846	807,078	664,612

TABLE 61. MANUFACTURE OF ICE CREAM, ICE MILK, SHERBET, IMITATION ICE CREAM, AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	9,348,997	8,978,355	8,913,835	8,303,720	8,166,119	8,845,172	8,627,416	8,534,125	8,611,562	8,253,589	9,171,234
February	8,430,797	8,443,058	8,729,725	8,525,860	8,490,316	8,762,237	9,487,994	9,096,412	8,911,456	9,364,591	10,444,867
March	10,042,127	10,056,308	11,140,334	11,277,400	11,123,088	10,863,987	10,681,888	10,721,675	11,392,718	11,832,882	12,217,766
April	10,225,930	10,059,139	10,344,676	10,409,391	10,193,768	10,285,408	10,680,700	10,715,291	10,744,306	10,535,743	11,616,590
May	10,739,982	11,311,681	10,893,628	10,454,882	11,799,695	11,433,778	10,939,492	11,151,102	11,482,665	11,524,120	13,412,478
June	11,671,163	12,793,597	12,328,929	12,105,434	13,175,200	12,371,643	11,768,670	13,380,655	12,780,985	13,839,455	13,641,702
July	12,933,739	13,214,811	13,075,784	11,801,156	12,113,581	12,201,854	13,304,303	14,216,538	12,794,166	13,004,668	14,431,706
August	12,551,576	12,069,392	11,942,720	12,779,753	13,022,098	12,933,667	12,968,954	12,262,068	13,138,307	14,459,407	14,810,779
September	10,938,356	11,194,404	10,780,146	10,912,829	10,005,872	10,513,706	10,672,526	11,399,935	11,824,569	12,596,433	12,482,225
October	10,310,695	10,872,972	9,444,963	9,490,361	10,997,076	11,182,278	10,824,111	9,843,209	9,920,335	10,411,387	11,936,142
November	8,382,609	8,376,425	9,448,444	9,152,391	9,342,605	8,721,181	8,013,619	8,802,107	9,060,056	9,572,983	9,129,292
December	7,973,934	9,096,234	8,565,269	8,061,093	7,456,748	7,326,991	8,780,551	9,129,355	8,199,935	9,078,371	8,667,777
Total	123,549,905	126,466,376	125,608,453	123,274,270	125,886,166	125,441,902	126,750,224	129,252,472	128,861,060	134,473,629	141,962,558

CONSUMPTION AND MANUFACTURE PER CAPITA OF DAIRY PRODUCTS

The population of California on July 1, 1984, was estimated by the California Department of Finance to be 25,635,750. This represented an approximate increase of 529 thousand persons or 2.1 percent from the same date a year earlier.

Although no data are collected which directly relate to the consumption of dairy products in California, the quantities of some dairy products either sold or manufactured in California represent reasonably well the quantities consumed in the State. These are products which for the most part are neither imported nor exported in significant amounts and which are not storable for any extended period of time. Products that have these characteristics and for which sales data are available are: fluid whole and lowfat milk, fluid skim milk, half-and-half, yogurt, and miscellaneous Class 1 products. The quantities of manufactured products produced in this State which may be assumed to represent those consumed here are limited to cottage cheese, buttermilk, and frozen products.

The sales of various dairy products and the manufacture of selected processed dairy products are expressed in either quarts per capita or pounds per capita in Table 62. Population figures used are those shown in the first column of the Table. All per capita estimates have been derived from unrounded data.

Per capita sales of all Class 1 dairy products in California during 1984 amounted to 114.44 quarts. These 114.44 quarts included: 102.57 quarts of fluid whole and lowfat milk, 7.40 quarts of skim milk, 1.75 quarts of half-and-half, and 2.72 quarts of yogurt and miscellaneous Class 1 products. Valid comparisons of the per capita sales of these items for 1974 and later cannot be made with data for 1973 and earlier due to product reclassifications and changes in reporting procedures. For example, fluid creams are no longer Class 1 products, while yogurt is a Class 1 product. Flavored dairy drinks are now included with either fluid whole and lowfat milk or fluid skim milk, depending on the fat content.

In 1984 manufacture per capita of creamed and lowfat cottage cheese in California totaled 5.50 pounds, an increase of 3.6 percent from 1983. Creamed cottage cheese accounted for 3.36 pounds per capita, and lowfat cottage cheese accounted for 2.14 pounds per capita. Between 1983 and 1984, the manufacture per capita of creamed cottage cheese increased 1.2 percent and the manufacture per capita of lowfat cottage cheese increased 7.5 percent.

During 1984, the manufacture per capita of buttermilk in California amounted to 1.58 quarts. This was an approximate increase of 0.6 percent from the manufacture per capita existing during 1983.

Manufacture per capita of all frozen products in California during 1984 totaled 22.15 quarts, an increase from 1983 of 3.4 percent. The manufacture per capita of all frozen products included 16.65 quarts of ice cream, 4.61 quarts of ice milk, 0.79 quarts of sherbet, 0.04 quarts of imitation ice cream, and 0.07 quarts of imitation ice milk. Between 1983 and 1984 the manufacture per capita estimates for the various frozen dairy products indicate that all frozen products experienced increases except for the "imitations". Ice cream exhibited a 3.4 percent increase. Ice milk and sherbet were characterized by increases of 3.8 and 3.9 percent respectively. Imitation ice cream decreased 33.3 percent, while imitation ice milk manufacture per capita remained the same.

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1967-1984 1/

Year	Estimated July 1 Population (Thousands)	Class 1 Product Sales per Capita (Quarts)							
		Total	Fluid Milk	Fluid Skim Milk	Flavored Dairy Drink	Half-and-Half	Yogurt and Misc.	Fluid Cream Sour	Fluid Cream Other
1967	19,232	131.88	119.40	7.07	2.00	2.44	Not	0.65	0.32
1968	19,511	129.72	117.19	7.21	2.10	2.28	Included	0.68	0.26
1969	19,817	126.87	114.78	7.05	2.09	2.10	in Total	0.68	0.17
1970	20,039	125.32	113.54	6.89	2.07	1.94	Class 1	0.71	0.17
1971	20,346	123.60	111.99	7.12	1.94	1.66	Products	0.71	0.18
1972	20,585	127.60	115.44	7.72	1.99	1.57	Until	0.70	0.17
1973	20,868	127.49	115.20	7.96	1.88	1.56	1974	0.72	0.16
1974	21,173	126.10	113.62	8.24	2/	1.55	2.68	4/	
1975	21,537	126.07	113.17	8.59		1.52	2.78		
1976	21,935	127.91	115.67	8.49		1.55	2.21 3/		
1977	22,350	127.85	115.62	8.47		1.54	2.21		
1978	22,839	126.50	114.68	8.07		1.59	2.16		
1979	23,255	125.86	114.00	7.75		1.61	2.50		
1980	23,769	122.08	110.27	7.52		1.58	2.71		
1981	24,196	118.98	107.62	7.30		1.60	2.46		
1982	24,724	114.43	103.62	6.86		1.57	2.37		
1983	25,107	114.43	103.35	6.81		1.60	2.67		
1984	25,636	114.44	102.57	7.40		1.75	2.72		

CONTINUED

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1967-1984 - CONTINUED

Manufacture per Capita

Year	Cottage Cheese			Fluid Buttermilk	Frozen Products					
	Total	Creamed	Low fat		Total	Ice Cream	Ice Milk	Sherbet	Imitation Ice Cream	Imitation Ice Milk
	(Pounds)			(Quarts)	(Quarts)					
1967	7.14	6.13	1.01	2.97	24.23	14.07	5.61	1.20	1.13	2.22
1968	7.25	6.18	1.07	2.83	24.47	14.31	5.73	1.25	1.16	2.02
1969	7.85	6.29	1.26	2.86	24.07	14.14	5.80	1.23	1.13	1.77
1970	8.25	6.77	1.48	2.93	24.00	14.37	5.82	1.20	1.06	1.54
1971	8.32	6.65	1.67	2.96	23.30	14.28	5.58	1.15	1.00	1.29
1972	8.22	6.32	1.89	2.93	23.41	14.50	5.59	1.18	0.92	1.21
1973	7.83	5.80	2.03	2.76	22.58	14.18	5.39	1.14	0.88	0.99
1974	7.06	5.15	1.91	2.47	23.34	15.16	5.44	1.16	0.76	0.80
1975	6.71	4.79	1.92	2.38	23.49	15.74	5.42	1.07	0.66	0.59
1976	6.85	4.88	1.98	2.46	22.90	15.83	4.96	1.16	0.48	0.47
1977	6.56	4.63	1.93	2.28	22.06	15.28	5.03	1.02	0.39	0.34
1978	6.41	4.41	2.00	2.13	22.05	15.45	5.08	0.92	0.34	0.26
1979	6.33	4.32	2.01	1.95	21.58	15.33	4.89	0.89	0.27	0.20
1980	6.16	4.07	2.10	1.81	21.33	15.26	4.84	0.84	0.22	0.16
1981	5.91	3.79	2.12	1.75	21.37	15.57	4.69	0.82	0.16	0.13
1982	5.44	3.45	1.99	1.57	20.85	15.41	4.49	0.77	0.10	0.09
1983	5.31	3.32	1.99	1.57	21.42	16.10	4.44	0.76	0.06	0.07
1984	5.50	3.36	2.14	1.58	22.15	16.65	4.61	0.79	0.04	0.07

1/ Estimates have been computed from unrounded data.

2/ Subsequent to 1973, flavored dairy drink sales have been categorized as either flavored fluid milk or flavored fluid skim milk sales depending on fat content.

3/ Subsequent to 1975, out-of-state yogurt sales have been excluded from Class 1 product sales.

4/ Subsequent to 1973, fluid cream sales have been excluded from Class 1 product sales.

MINIMUM PRICES

As specified in Division 21, Part 3, Chapter 2 of the Food and Agricultural Code of the State of California, the Milk Stabilization Branch establishes minimum prices to be paid to producers by handlers for market milk in the various usage classifications for each marketing area in the State.

Commencing August 1, 1978, minimum Class 1 prices were established by means of an economic formula. The factors used in the formula and their respective weights have been as follows: Cost of production, 43%; Class 4 price, 42%; and real net spendable earnings as published by the Employment Development Department for the Los Angeles-Long Beach metropolitan area, 15%. Effective August 1, 1982, the real net spendable earnings factor was permanently replaced by an average weekly earnings factor. This change in the formula was made because of the unavailability of the real net spendable earnings factor. The formula-determined Class 1 prices are calculated bimonthly by the Milk Stabilization Branch and are subject to change as a result of hearings.

Minimum class prices in effect during 1984 are shown in Tables 63 through 66.

TABLE 63. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 1 PRODUCTS, BY MARKETING AREAS, 1984

Time Period	Marketing Area	PRODUCER PRICES, F.O.B. PROCESSING PLANT				
		Component Basis			Whole Milk Basis 1/	Weighted Average Basis 2/
		Fat	SNF	Fluid		
		($/Lb.)			($/Cwt.)	($/Cwt.)
January	Del Norte-Humboldt	1.6585	0.8160	0.0148	14.20	13.98
	Northern California	1.6535	0.8160	0.0120	13.94	
	South Valley	1.6535	0.8160	0.0102	13.78	
	Southern California	1.6585	0.8160	0.0145	14.18	
February and March	Del Norte-Humboldt	1.6769	0.8234	0.0152	14.37	14.14
	Northern California	1.6719	0.8234	0.0124	14.10	
	South Valley	1.6719	0.8234	0.0106	13.94	
	Southern California	1.6769	0.8234	0.0149	14.34	
April and May	Del Norte-Humboldt	1.6690	0.8202	0.0150	14.29	14.07
	Northern California	1.6640	0.8202	0.0122	14.03	
	South Valley	1.6640	0.8202	0.0104	13.87	
	Southern California	1.6690	0.8202	0.0147	14.27	
June and July	Del Norte-Humboldt	1.6607	0.8169	0.0149	14.23	14.00
	Northern California	1.6557	0.8169	0.0121	13.96	
	South Valley	1.6557	0.8169	0.0103	13.81	
	Southern California	1.6607	0.8169	0.0146	14.20	
August and September	Del Norte-Humboldt	1.6252	0.8026	0.0142	13.92	13.69
	Northern California	1.6202	0.8026	0.0114	13.65	
	South Valley	1.6202	0.8026	0.0096	13.50	
	Southern California	1.6252	0.8026	0.0139	13.89	
October and November	Del Norte-Humboldt	1.6100	0.7965	0.0138	13.78	13.55
	Northern California	1.6050	0.7965	0.0110	13.51	
	South Valley	1.6050	0.7965	0.0092	13.35	
	Southern California	1.6100	0.7965	0.0135	13.75	
December	Del Norte-Humboldt	1.6321	0.8054	0.0143	13.97	13.75
	Northern California	1.6271	0.8054	0.0115	13.71	
	South Valley	1.6271	0.8054	0.0097	13.55	
	Southern California	1.6321	0.8054	0.0140	13.95	

1/ Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

2/ Calculated for the State as a whole using market milk production in each marketing area for weighting.

TABLE 64. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MILK FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1984

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
		(dollars per pound)											
Southern California	2	1.6206	1.6091	1.6091	1.6091	1.6091	1.6091	1.6331	1.7165	1.6371	1.7283	1.7471	1.7471
Del Norte-Humboldt	2	1.5913	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178
Northern California and South Valley	2	1.6183	1.6068	1.6068	1.6068	1.6068	1.6068	1.6308	1.7142	1.6348	1.7260	1.7448	1.7448
Southern California	3	1.6206	1.6091	1.6091	1.6091	1.6091	1.6091	1.6331	1.7165	1.6371	1.7283	1.7471	1.7471
Del Norte-Humboldt	3	1.5913	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178
Northern California and South Valley	3	1.6183	1.6068	1.6068	1.6068	1.6068	1.6068	1.6308	1.7142	1.6348	1.7260	1.7448	1.7448
All Areas	4a	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178	1.5798
	4b	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178	1.5798

TABLE 65. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR SOLIDS-NOT-FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1984

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
		(dollars per pound)											
Southern California	2	0.7841	0.7781	0.7780	0.7783	0.7781	0.7779	0.7782	0.7780	0.7779	0.7778	0.7780	0.7777
Del Norte-Humboldt	2	0.7539	0.7479	0.7478	0.7481	0.7479	0.7477	0.7480	0.7478	0.7477	0.7476	0.7478	0.7475
Northern California and South Valley	2	0.7583	0.7523	0.7522	0.7525	0.7523	0.7521	0.7524	0.7522	0.7521	0.7520	0.7522	0.7519
Southern California	3	0.7526	0.7466	0.7465	0.7468	0.7466	0.7464	0.7467	0.7465	0.7464	0.7463	0.7465	0.7462
Del Norte-Humboldt	3	0.7526	0.7466	0.7465	0.7468	0.7466	0.7464	0.7467	0.7465	0.7464	0.7463	0.7465	0.7462
Northern California and South Valley	3	0.7526	0.7466	0.7465	0.7468	0.7466	0.7464	0.7467	0.7465	0.7464	0.7463	0.7465	0.7462
All Areas	4a	0.7080	0.7079	0.7082	0.7080	0.7078	0.7081	0.7079	0.7078	0.7077	0.7079	0.7076	0.7079
	4b	0.7080	0.7079	0.7082	0.7080	0.7078	0.7081	0.7079	0.7078	0.7077	0.7079	0.7076	0.7079

TABLE 66. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 2, 3, 4A AND 4B PRODUCTS, BY MARKETING AREAS, 1984 1/

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
		(dollars per hundredweight)											
Southern California	2	12.49	12.40	12.40	12.40	12.40	12.40	12.49	12.78	12.50	12.82	12.88	12.88
Del Norte-Humboldt	2	12.13	12.04	12.04	12.04	12.04	12.03	12.12	12.41	12.13	12.45	12.52	12.52
Northern California and South Valley	2	12.26	12.17	12.17	12.17	12.17	12.17	12.25	12.54	12.26	12.58	12.65	12.65
Southern California	3	12.22	12.13	12.13	12.13	12.13	12.12	12.21	12.50	12.22	12.54	12.61	12.61
Del Norte-Humboldt	3	12.12	12.02	12.02	12.03	12.02	12.02	12.11	12.40	12.12	12.44	12.51	12.50
Northern California and South Valley	3	12.21	12.12	12.12	12.12	12.12	12.12	12.20	12.49	12.22	12.53	12.60	12.60
All Areas	4a	11.69	11.69	11.69	11.69	11.69	11.77	12.06	11.78	12.10	12.17	12.17	11.69
	4b	11.69	11.69	11.69	11.69	11.69	11.77	12.06	11.78	12.10	12.17	12.17	11.69

1/ Prices have been calculated from the price information presented in Tables 64 and 65 on a f.o.b. Distributor's Plant basis for 3.5 percent butterfat and 8.7 percent solids-not-fat milk.

SALES OF MARKET WHOLE MILK AND LOWFAT MILK BY SIZE AND TYPE OF CONTAINER, AND BY TYPE OF TRADE

In October 1984, all market milk distributors in California were requested to complete a special one-page form relating to their sales of market whole milk and lowfat milk by size and type of container and by type of trade. A similar survey for the month of October has been made each year since 1951.

Table 67 contains summary tabulations of the data reported on the special survey forms for October 1984. In this table, all sales are expressed in gallon units. For example, sales in quarts represent the number of gallons (expressed as quart units) sold rather than the number of quarts sold. This results in greater comparability and facilitates the computation of percentage distributions.

Sales by type of trade were reported under the headings of wholesale, retail, cash-and-carry, peddler and Federal Government. Since some routes, particularly for the smaller distributors and some of the peddlers, were probably "combination" routes, it seems likely that all sales are not properly classified as to type of trade. However, this factor is so small that it does not appear to have had any significant effect upon the overall results.

Users of these data should note that the survey summaries *do not include all sales of fluid milk in California.* For the State as a whole, the sales as reported in the summaries, account for a sample of approximately 99.7 percent of all market whole milk and lowfat milk sales in California.

TABLE 67. REPORTED SALES OF MARKET WHOLE AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE AND CONTAINER CHARACTERISTICS, OCTOBER 1984

Container Size and Type	Type of Trade: Wholesale (gallons)	Wholesale (percent)	Retail (gallons)	Retail (percent)	Cash-and-Carry (gallons)	Cash-and-Carry (percent)	Peddler (gallons)	Peddler (percent)	Federal Government (gallons)	Federal Government (percent)	Container Size and Type Total Sales (gallons)	Container Size and Type Total Sales (percent)
Bulk Size	1,227,808	2.5	684	0.6	30	1/	306,476	4.1	389,892	30.1	1,924,890	3.2
Dispensing	1,150,887	2.3	684	0.6	30	1/	299,515	4.0	389,892	30.1	1,841,008	3.1
Other	76,921	0.2	---	---	---	---	6,961	0.1	---	---	83,882	0.1
Ten-Quart Size	36,064	0.1	377	0.3	9,942	3.6	26,874	0.5	---	---	73,257	0.1
Gallon Size	25,870,312	52.1	7,491	6.6	112,076	40.2	3,009,031	40.5	343,010	26.5	29,341,920	50.0
Paper	9,296	1/	1,254	1.1	4,502	1.6	33,652	0.4	1,504	0.1	50,208	0.1
Molded Plastic	25,861,016	52.1	6,237	5.5	107,574	38.6	2,975,379	40.1	341,506	26.4	29,291,712	49.9
One-Half Gallon Size	14,409,916	29.0	97,842	86.6	135,701	48.6	2,180,294	29.3	435,517	33.7	17,259,270	29.4
Glass	4,817	1/	53,080	47.0	37,823	13.6	8,936	0.1	---	---	104,656	0.2
Paper	12,999,150	26.2	43,897	38.8	72,680	26.0	1,680,931	22.6	425,409	32.9	15,222,067	25.9
Molded Plastic	1,405,949	2.8	865	0.8	25,198	9.0	490,427	6.6	10,108	0.8	1,932,547	3.3
Quart Size	3,376,060	6.8	3,377	3.0	10,401	3.7	383,326	5.2	48,744	3.8	3,821,903	6.5
Glass	56,610	0.1	2,022	1.8	3,786	1.4	4,250	0.1	---	---	66,668	0.1
Paper	3,265,433	6.6	1,220	1.1	2,902	1.0	348,959	4.7	48,744	3.8	3,667,258	6.2
Molded Plastic	54,017	0.1	135	0.1	3,713	1.3	30,117	0.4	---	---	87,982	0.2
Pint Size	1,085,759	2.2	890	0.8	5,951	2.1	305,387	4.1	7,804	0.6	1,405,791	2.4
One-Third Quart Size	944,327	1.9	1,385	1.2	4,345	1.6	339,504	4.5	21,516	1.7	1,311,077	2.2
One-Half Pint Size	2,685,773	5.4	1,003	0.9	447	0.2	875,711	11.8	47,096	3.6	3,610,030	6.2
Type of Trade Total Sales	49,636,019	100.0	113,049	100.0	278,893	100.0	7,426,603	100.0	1,293,579	100.0	58,748,143	100.0

1/ Calculated percentages less than 0.05 percent.

PLANTS REPORTING SALES OF FLUID MARKET MILK

The number of plants reporting sales of fluid market milk during the month of December by county of plant location for the years 1974 through 1984 is shown in Table 68. During this ten-year period, the number of plants has decreased from 205 in 1974 to 77 in 1984, a decline of 62.0 percent.

TABLE 68. NUMBER OF PLANTS IN CALIFORNIA REPORTING SALES OF FLUID MARKET MILK DURING DECEMBER, BY COUNTIES OF PLANT LOCATION, 1974-1984

County	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Del Norte	1	1	1	1	1	1	1	1	1	1	1
Humboldt	3	3	3	2	2	2	2	3	2	2	2
Mendocino	2	2	2	2	2	2	1	1	1	1	1
Shasta	3	2	2	2	2	2	2	3	2	2	2
Siskiyou	1	1	1	1	1	1	1	1	1	1	1
Trinity	--	--	--	--	--	--	--	--	--	--	--
Lassen	1	--	--	--	--	--	--	--	--	--	--
Modoc	--	--	--	--	--	--	--	--	--	--	--
Plumas	--	--	--	--	--	--	--	--	--	--	--
Alameda	13	11	9	9	7	7	7	7	7	7	7
Contra Costa	5	5	4	3	3	3	1	1	1	1	1
Lake	--	--	--	--	--	--	--	--	--	--	--
Marin	--	--	--	--	--	--	--	--	--	--	--
Monterey	2	2	2	2	2	2	2	2	2	1	1
Napa	1	1	1	1	1	1	1	1	1	1	1
San Benito	--	--	--	--	--	--	--	--	--	--	--
San Francisco	3	3	3	2	1	1	1	1	1	1	1
San Luis Obispo	2	2	2	2	2	2	2	2	2	2	1
San Mateo	1	1	1	1	--	--	--	--	--	--	--
Santa Clara	8	8	7	6	5	5	3	3	3	2	2
Santa Cruz	2	1	1	1	1	1	1	--	--	--	--
Sonoma	7	7	6	6	6	6	5	4	4	4	3
Butte	1	1	1	1	1	1	1	1	1	1	--
Colusa	--	--	--	--	--	--	--	--	--	--	--
Glenn	--	--	--	--	--	--	--	--	--	--	--
Sacramento	6	5	5	5	5	5	5	5	5	6	5
Solano	1	--	--	--	--	--	--	--	--	1	1
Sutter	--	--	--	--	--	--	--	--	--	--	--
Tehama	1	1	1	1	--	--	--	--	--	--	--
Yolo	--	--	--	--	--	--	--	--	--	--	--
Yuba	--	--	--	--	--	--	--	--	--	--	--
Fresno	9	9	7	5	5	5	5	5	5	5	4
Kern	4	4	3	3	3	3	3	3	3	3	3
Kings	1	--	--	--	--	--	--	--	--	--	--
Madera	1	1	1	--	--	--	--	--	--	--	--
Merced	2	2	1	--	--	--	--	--	--	--	1
San Joaquin	4	4	4	2	2	2	1	1	1	1	1
Stanislaus	2	2	2	2	2	2	2	2	2	2	2
Tulare	3	2	1	--	--	--	--	1	1	1	--
Alpine	--	--	--	--	--	--	--	--	--	--	--
Amador	--	--	--	--	--	--	--	--	--	--	--
Calaveras	--	--	--	--	--	--	--	--	--	--	--
El Dorado	--	--	--	--	--	--	--	--	--	--	--
Inyo	--	--	--	--	--	--	--	--	--	--	--
Mariposa	--	--	--	--	--	--	--	--	--	--	--
Mono	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
Placer	--	--	--	--	--	--	--	--	--	--	--
Sierra	--	--	--	--	--	--	--	--	--	--	--
Tuolumne	--	--	--	--	--	--	--	--	--	--	--
Imperial	1	1	--	--	--	--	--	--	--	--	--
Los Angeles	63	51	43	37	35	35	29	25	25	22	20
Orange	10	9	8	8	7	7	5	4	4	4	3
Riverside	11	10	8	6	5	5	4	4	4	4	4
San Bernardino	16	12	10	10	4	4	3	3	3	3	3
San Diego	7	7	7	7	5	5	5	5	5	5	5
Santa Barbara	3	3	2	1	--	--	--	--	--	--	--
Ventura	4	3	2	1	1	1	1	1	1	1	1
TOTAL	205	177	151	130	111	111	94	90	88	85	77

80477 150 8-85 900 LDA CS OSP